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## ABSTRACT

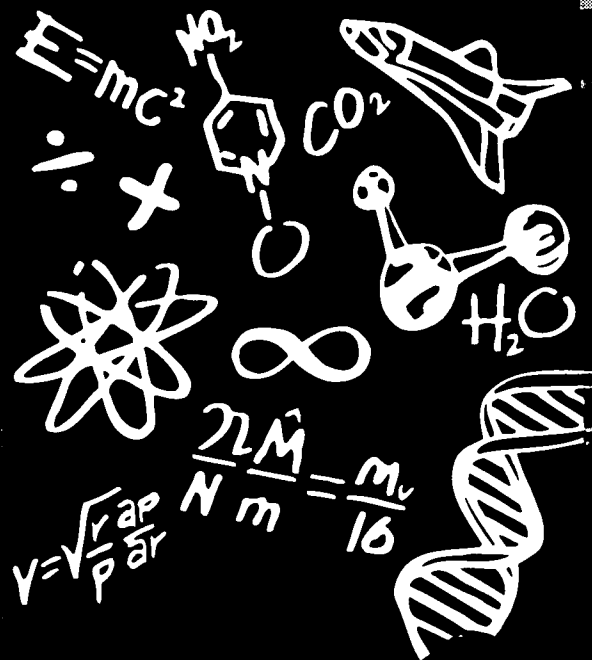
The purpose of this directory is to assist educators, parents, and students in attaining the National Education Goals, particularly Goal 4: "By the year 2000, U.S. students will be first in the world in science and mathematics achievement." The guidebook describes programs, along with contact information, that assist students who will go on to study in college or technical school, as well as programs to improve general mathematical and scientific literacy. The directory is divided into three sections. Section One: Agency Overviews contains general information about each of the 16 federal agencies that collaborated with the Eisenhower National Clearinghouse to produce this publication. Each agency highlights its involvement in mathematics and science education and acquaints the reader with agency-specific background information. Section Two: National Programs for Elementary and Secondary Education features nationwide agency-sponsored mathematics and science programs. Each program entry includes the program name, a brief program description, and contact information. Section Three: State Highlights lists, within state and territory groupings, agency resources that are available at the local level. The document concludes with an index of teacher programs; student programs; comprehensive programs; evaluation, dissemination, and technical assistance programs; and educational technology programs. (MKR)

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## GUIDEBOOK TO EXCELLENCE

1-9-9-4

A DIRECTORY OF  
FEDERAL RESOURCES  
FOR MATHEMATICS AND  
SCIENCE EDUCATION  
IMPROVEMENT

U.S. DEPARTMENT OF EDUCATION  
Office of Educational Research and Improvement  
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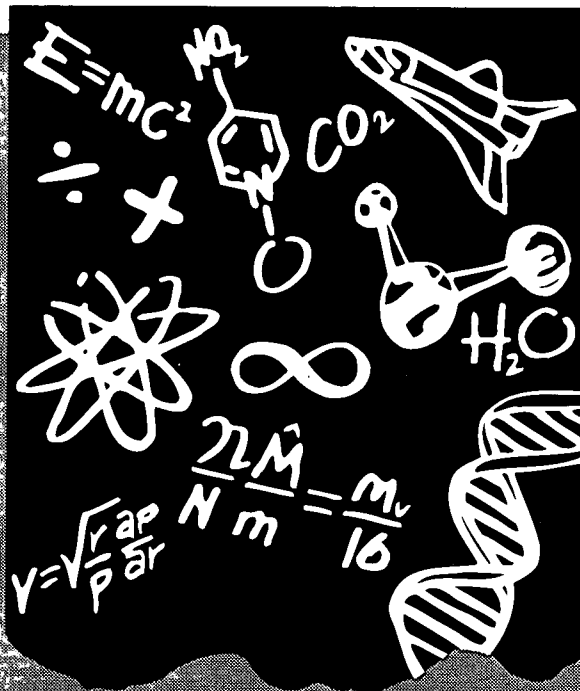
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The Guidebook to Excellence was produced by the Eisenhower National Clearinghouse for Mathematics and Science Education (ENC) for the Eisenhower Regional Consortia. Comments or corrections should be forwarded to ENC.

Eisenhower National Clearinghouse  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1079  
(614) 292-7784/Fax: (614) 292-2066  
Internet: [guidebk@enc.org](mailto:guidebk@enc.org)



## GUIDEBOOK TO EXCELLENCE

1 · 9 · 9 · 4

A DIRECTORY OF  
FEDERAL RESOURCES  
FOR MATHEMATICS AND  
SCIENCE EDUCATION  
IMPROVEMENT

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UNITED STATES DEPARTMENT OF EDUCATION

THE DEPUTY SECRETARY

March 22, 1994

Dear Reader:

The Guidebook to Excellence is a comprehensive directory of Federal offices, programs, and facilities for K-12 education in mathematics and science. It is intended to inform educators and the public about Federally-supported resources in these subjects and to increase access to them. The publication contains information about Federal offices and programs at the national and regional levels, and also lists state-by-state contacts for many of these resources.

This national Guidebook to Excellence has been prepared for the Committee on Education and Training (CET) of the National Science and Technology Council (NSTC) by the Eisenhower National Clearinghouse for Mathematics and Science Education. CET represents 16 Federal agencies. These agencies are working together to increase the effectiveness of their collective activities in mathematics, science, engineering, and technology education and training.

The 10 Eisenhower Regional Consortiums for Mathematics and Science Education, which have helped with preparation of the Guidebook to Excellence, are distributing companion regional versions of the publication. State-by-state listings in the regional publications are included only for the states in the individual Consortium regions.

Federal program information found in the Guidebook to Excellence is also available in electronic format as part of the Eisenhower National Clearinghouse effort to provide on-line information and resources for mathematics and science education, including an extensive catalog of K-12 curriculum materials.

We believe that you will find the Guidebook to Excellence to be an important tool as you seek ways to enrich and improve students' learning and performance in mathematics and science.

Sincerely,

Madeleine M. Kunin  
Chair  
Committee on Education and Training  
National Science and Technology  
Council

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Maureen Kerr, Aspen Systems Corporation\*  
Dr. Beverly Swanson, Aspen Systems Corporation\*

\*Representing the Eisenhower National Clearinghouse for Mathematics and Science Education





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# HOW TO USE THIS DIRECTORY

## GUIDEBOOK TO EXCELLENCE

### A DIRECTORY OF FEDERAL RESOURCES FOR MATHEMATICS AND SCIENCE EDUCATION IMPROVEMENT

**T**he purpose of this *Guidebook to Excellence* is to assist educators, parents, and students across the country in attaining the National Education Goals, particularly Goal 4: *By the year 2000, U.S. students will be first in the world in science and mathematics achievement.*

The *Guidebook* will help make the education community aware of the Federal Government's extensive commitment to mathematics and science education. Sixteen Federal agencies collaborated with the Eisenhower National Clearinghouse to produce this publication. Although the *Guidebook* contains valuable information for anyone involved in mathematics and science education, its focus is on the elementary and secondary levels.

The *Guidebook* consists of three sections:

#### Section One: Agency Overviews

Section One contains general information about each of the 16 agencies. Listed alphabetically, each agency highlights its involvement in mathematics and science education, and acquaints the reader with agency-specific background information. Each agency also lists its administrative offices for mathematics and science education—to give readers a source for additional information on its organization and operation. For detailed information on agency-specific programs and facilities, readers may refer to Sections Two and Three of this *Guidebook*.

#### Section Two: National Programs for Elementary and Secondary Education

Section Two features nationwide agency-sponsored mathematics and science programs for elementary and secondary education. Again listed alphabetically by agency, each program entry includes the program name, a brief program

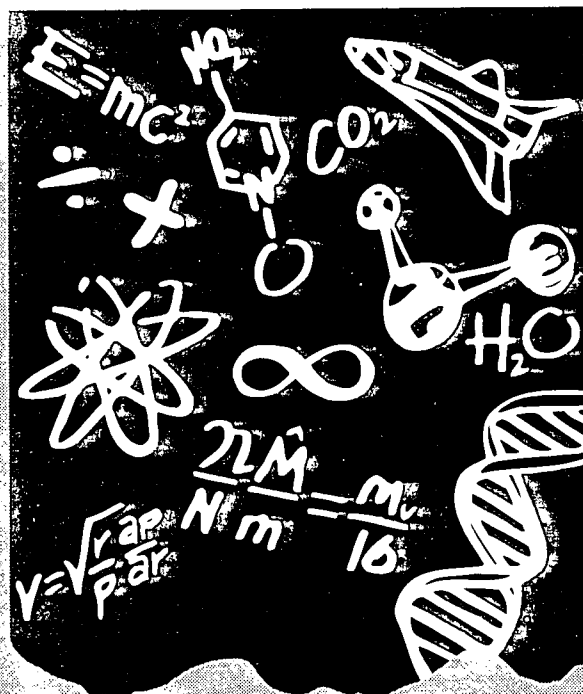
description, and contact information. Readers searching for a particular type of program may refer to Index on pp. 3–179 to 3–182, which lists all national programs alphabetically within each category.

#### Section Three: State Highlights

Section Three lists within State groupings agency resources that are available, or accessible, at the local level. By referring to the State-by-State listing of facilities and contacts for mathematics and science education, readers can easily discover what resources are available within their own States or jurisdictions. As numerous resources are available to anyone who can travel to a facility or location, readers should also examine programs listed for neighboring States or for States they are planning to visit.

A comprehensive mathematics and science education resource directory for K–12 programs, the *Guidebook* describes programs that assist students who will go on to study in college or technical school, as well as programs to improve general mathematics and science literacy. Although the *Guidebook* does not list all federally funded education programs, it does provide contacts that can supply additional information. Recognizing that efficient use of time and resources is critical to meeting the National Education Goals, agencies have included a description for each of their entries to help readers determine which programs and contacts may prove most valuable.

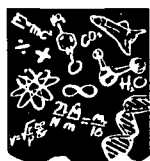
The *Guidebook's* contents will be expanded and made available online through the Eisenhower National Clearinghouse in 1994. The *Guidebook* will be successful to the extent that it helps the education community locate Federal resources to support its efforts to improve mathematics and science education.



## SECTION ONE

# AGENCY OVERVIEWS





# U.S. DEPARTMENT OF AGRICULTURE

**C**ountries that possess and use scientific and technical skills in the food and agricultural sector stand the best chance of being competitive in world markets. USDA recognizes this and is committed to assuring the Nation of an outstanding cadre of agriscience and business professionals steeped in science and mathematics.

Mike Espy, Secretary  
U.S. Department of Agriculture

## MISSION

The U.S. Department of Agriculture (USDA) is authorized to provide the leadership, oversight, and management necessary to ensure that the United States has adequate supplies of high-quality food and fiber. The Department supports and conducts a wide range of research, development, extension, and education activities to achieve that mission.

## BACKGROUND

On May 15, 1862, President Abraham Lincoln signed the act creating the U.S. Department of Agriculture. The Department has since helped to make American agriculture the most productive in the world, giving the American people the most varied and wholesome food supply for the smallest share of disposable income of any people in the world. On July 2, 1862, President Lincoln signed the Morrill Land-Grant College Act, which established colleges in each State to educate young men and women in agriculture, bringing higher education within reach of youth of ordinary means and elevating what had been called "agricultural training" to a scientific enterprise. In 1890 an additional group of 17 Historically Black Colleges and Universities was given land-grant status to enable the Department to serve all populations. The Food and Agriculture Act of 1977 designated USDA as the lead Federal Agency for higher education in the food and agricultural sciences.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

USDA's education efforts have helped produce scientific and nonscientific professionals who have made American agriculture the most effective and efficient agricultural system in the world. Through the Cooperative Extension Service and other producer outreach programs, the Department has effected the transfer of new technologies and scientific knowledge created by USDA research agencies, such as the Cooperative State Research Service, the Agricultural Research Service, and the Forest Service. USDA is also home to the National Agricultural Library, the largest agricultural library in the world. Other USDA agencies with research and education programs include the Agricultural Cooperative Service, the Animal and Plant Health Inspection Service, the Agricultural Marketing Service, the Human Nutrition Information Service, the Office of International Cooperation and Development, the Soil Conservation Service, the National Agricultural Statistics Service, and the Forest Service.

### Elementary and Secondary Education

USDA precollege activities devoted exclusively to mathematics and science are few. However, its Ag in the Classroom Program provides national coordination for States, helping to increase K-12 students' awareness of agriculture's role in the economy and society. USDA's Research Apprenticeship Program annually supports approximately 200 high school students' (primarily minority and female youth) hands-on research experience with scientists in Federal and university laboratories. Scientific literacy among students in grades K-12 is sustained by support from the many 4-H Youth Development Programs. Teacher enhancement is an integral part of these programs.

### Higher Education

Because of the need to educate scientists and other leaders for the future, USDA was designated as the lead Federal agency for higher education in

the food and agricultural sciences. Program areas include agriculture, natural resources and forestry, veterinary medicine, home economics, and closely allied disciplines. In response to its congressional mandate, USDA established the Office of Higher Education Programs, which provides national leadership to:

- Achieve and maintain excellence in college and university programs in the food and agricultural sciences.
- Produce outstanding graduates to satisfy the Nation's requirements for scientific and professional expertise.
- Enhance the complementarity and synergism of research and teaching.

In this guise, USDA supports the development of expertise through both predoctoral traineeships at universities and postdoctoral traineeships in Federal laboratories as mechanisms to train personnel for critical positions with government, academia, and the private sector.

USDA's role in undergraduate education is even more extensive. The Office of Higher Education Programs (HEP) functions primarily as a catalyst to promote excellence in education, working in close alliance with the States, the college and university systems, and the private sector. HEP administers several high-priority programs to enhance the quality of education and to develop outstanding scientific and professional expertise at colleges and universities across the Nation: minority expertise development through the Americans All-Scholars Program, launched in 1994; institutional enhancement through three grants programs, one formula and two competitive, amounting in fiscal year 1993 to nearly \$15 million; and national projects that enhance the development of issues and information and the development of strategic planning.

### **Public Understanding of Science**

USDA fosters public understanding of science through a variety of programs, including an annual Food Safety Campaign, held to coincide with National Consumers Week; a Nutrition Education and Training Program; a USDA Meat and Poultry Hotline; and the Agricultural Research Service's 127 Federal laboratories, which provide tours and open house activities to educate the general public on new developments in agricultural research.

## **HOW MATHEMATICS AND SCIENCE PROGRAMS ARE ADMINISTERED**

The Assistant Secretary for Science and Education has overall authority for educational initiatives in USDA. Most agencies referenced in this section are under the Assistant Secretary's direct purview. The Office of Higher Education Programs of the Cooperative State Research Service is the operating division most involved with college and university science education. The Extension Service, Soil Conservation Service, and the Forest Service are most involved with precollege science education. The USDA Joint Council on Food and Agricultural Sciences, established by Congress a decade ago, encourages and coordinates agricultural sciences throughout the United States and among USDA agencies. Its members represent producers, industry, and State and Federal agencies and institutions. USDA offers an unparalleled national network for advancing science and education through its Federal laboratories, State Agricultural Experiment Station System, university scientists and educator cooperators, professional staff, and volunteer lay leaders.

## **ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION**

### **Agricultural Research Service**

The Agricultural Research Service operates 122 Federal laboratories and research centers nationwide and 5 overseas. Scientists at these laboratories are valuable resources for science-enrichment initiatives at the precollege and college levels.

Administrator, Agricultural Research Service  
U.S. Department of Agriculture  
Room 302-A, Administration Building  
14th Street and Independence Avenue SW.  
Washington, DC 20250-0301  
(202) 720-3656

### **Cooperative State Research Service**

The Cooperative State Research Service advances science and technology in support of agriculture, forestry, people, and communities in partnership with the State Agricultural Experiment Station System. Thus, the Service has abundant opportunities to link students with ongoing science programs.

Administrator, Cooperative State  
Research Service  
U.S. Department of Agriculture  
Room 305-A, Administration Building  
14th Street and Independence Avenue SW.  
Washington, DC 20250-2201  
(202) 720-4423

### **Office of Higher Education Programs**

The Office of Higher Education Programs administers several high-priority grants and information programs to enhance the quality of education and to develop outstanding scientific and professional expertise at colleges and universities across the Nation.

Deputy Administrator,  
Higher Education Programs  
Cooperative State Research Service  
U.S. Department of Agriculture  
Room 350-A, Administration Building  
14th Street and Independence Avenue SW.  
Washington, DC 20250-2250  
(202) 720-7854

### **National Agricultural Library**

The National Agricultural Library administers library services and programs and is the largest agricultural library in the world.

Director, National Agricultural Library  
U.S. Department of Agriculture  
10301 Baltimore Boulevard, Room 200  
Beltsville, MD 20705-2351  
(301) 504-5248

### **Office of Public Affairs**

The Office of Public Affairs provides general information on USDA programs.

Director, Office of Public Affairs  
U.S. Department of Agriculture  
Administration Building, Room 213-A  
14th Street and Independence Avenue SW.  
Washington, DC 20250-1301  
(202) 720-4623

### **Extension Service**

The Extension Service serves as the Federal partner in the Cooperative Extension Service, a unique educational partnership that includes 74 land-grant colleges and universities as State partners and 3,150 county offices as local partners. The Cooperative Extension Service is a valuable resource for technology transfer and issue identification at all educational levels and administers the 4-H programs, which together form one of the largest informal youth development programs in the country. The county Cooperative Extension Service office can be contacted for more information about education programs.

Administrator, Extension Service  
U.S. Department of Agriculture  
Room 338-A, Administration Building  
14th Street and Independence Avenue SW.  
Washington, DC 20250-0901  
(202) 720-3377



# U.S. DEPARTMENT OF COMMERCE

**T**he Nation that best learns to harness its knowledge and stimulate the creation of new ideas will be the economic powerhouse of the 21st century.

Ronald H. Brown, Secretary  
U.S. Department of Commerce

## MISSION

The U.S. Department of Commerce (DOC) encourages, serves, and promotes the Nation's international trade, economic growth, and technological advancement. Within this framework, and with a policy of promoting the national interest through the encouragement of a competitive free enterprise system, the Department provides a wide variety of programs.

## BACKGROUND

The Department was established by Congress in 1913 through a reorganization of the Department of Commerce and Labor, which had been created in 1903. Today, DOC has 13 agencies in areas such as international trade, technology, the oceans and the atmosphere, economic and social data, travel and tourism, patents and trademarks, and telecommunication.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

The National Institute of Standards and Technology and the National Oceanic and Atmospheric Administration have missions that involve scientific research and technical applications, and, therefore, have the greatest role in science and mathematics education within DOC.

### Elementary and Secondary

Most DOC precollege activities consist of voluntary outreach by the professional staff or cooperative efforts with other organizations, with minimal direct funding available.

## Higher Education

DOC has developed a cooperative education program to provide work-related educational opportunities to students, as well as graduate and postdoctoral fellowships.

## HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED

DOC agencies that offer education programs self-administer their respective programs.

## ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION

### National Institute of Standards and Technology, Postdoctoral Programs

As the national laboratory for measurement science and engineering, with emphasis on state-of-the-art research, the National Institute of Standards and Technology maintains a strong program of postdoctoral education. The Institute sponsors numerous postdoctoral research fellowships in collaboration with the National Research Council of the National Academy of Sciences.

Burton H. Colvin  
Deputy Director for Academic Affairs  
Room A505 Administration  
National Institute of Standards and Technology  
Gaithersburg, MD 20899  
(301) 975-3067/Fax: (301) 975-3530

### National Institute of Standards and Technology, Office of Personnel and Civil Rights

At the graduate and to a lesser extent the undergraduate level, the National Institute of Standards and Technology has developed cooperative education programs in conjunction with colleges and universities.



Kimberly J. Goode, Student Coordinator  
Office of Personnel and Evaluation  
Room A123 Administration  
National Institute of Standards and Technology  
Gaithersburg, MD 20899  
(301) 975-3062

### **The National Oceanic and Atmospheric Administration (NOAA)**

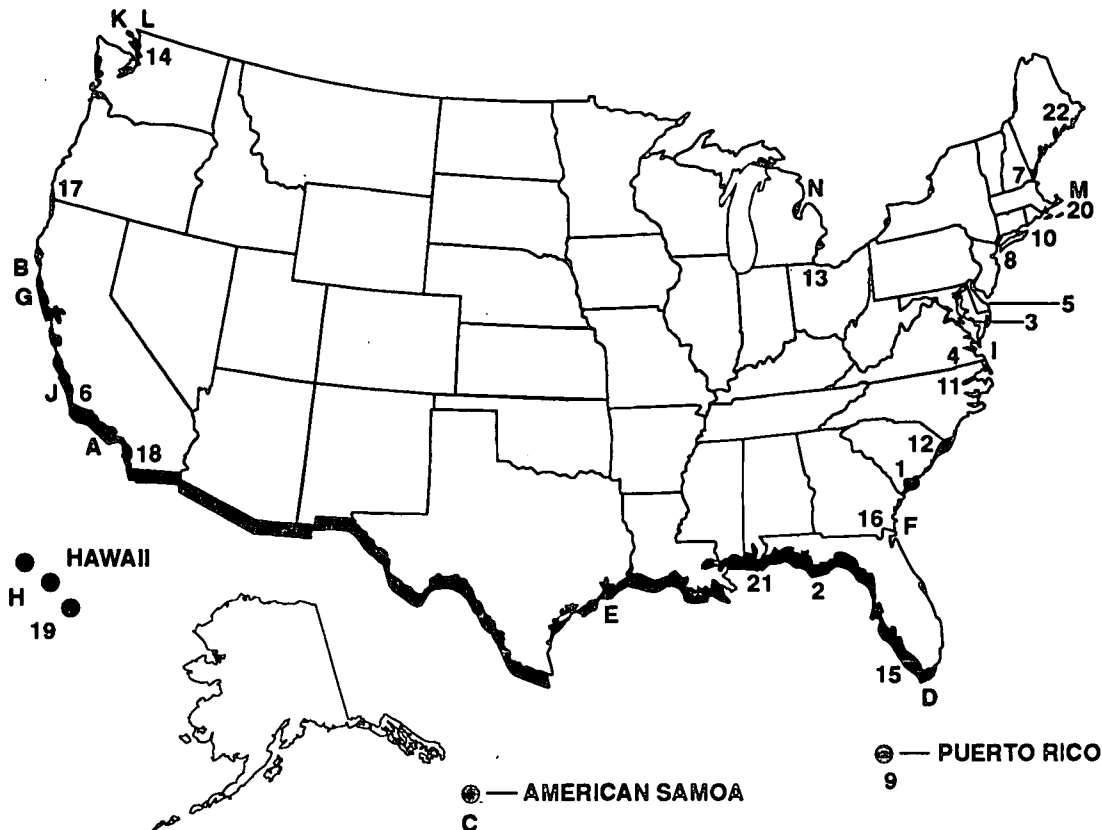
Providing leadership in research and education in Earth sciences and contributing scientific knowledge to the environmental science curriculum at every level of education are integral components of NOAA's public stewardship. The Educational Affairs Division of NOAA develops and

coordinates an agency-wide effort to educate the general public in Earth systems science and to increase their awareness of NOAA's services. This mission is being realized by increasing the value of NOAA's products and services as educational resources and by tapping the Agency's expertise to assist in the national goal of improving science literacy.

Joan McKean  
Educational Affairs Division, Suite 329  
U.S. Department of Commerce  
National Oceanic and Atmospheric  
Administration  
Washington, DC 20235  
(202) 606-4381/Fax: (202) 606-4425

# DEPARTMENT OF COMMERCE

## ESTUARINE RESERVES AND MARINE SANCTUARIES



### National Estuarine Research Reserve System (NERRS)

The reserve system identifies and protects a network of estuaries that represent a wide range of habitats found along the coastline. The program sets aside estuaries for long-term scientific research and educational activities, which are essential to coastal management.

- |  |  |
|--|--|
| 1. ACE Basin, South Carolina               | 12. North Inlet/Winyah Bay, South Carolina |
| 2. Apalachicola Bay, Florida               | 13. Old Woman Creek, Ohio                  |
| 3. Chesapeake Bay, Maryland                | 14. Padilla Bay, Washington                |
| 4. Chesapeake Bay, Virginia                | 15. Rookery Bay, Florida                   |
| 5. Delaware Reserve, Delaware              | 16. Sapelo Island, Georgia                 |
| 6. Elkhorn Slough, California              | 17. South Slough, Oregon                   |
| 7. Great Bay, New Hampshire                | 18. Tijuana River, California              |
| 8. Hudson River, New York                  | 19. Waimanu Valley, Hawaii                 |
| 9. Jobos Bay, Puerto Rico                  | 20. Waquoit Bay, Massachusetts             |
| 10. Narragansett Bay, Rhode Island         | 21. Weeks Bay, Alabama                     |
| 11. North Carolina Reserve, North Carolina | 22. Wells, Maine                           |

### National Marine Sanctuary Program

The sanctuary program protects nationally significant marine sites, including open water, nearshore, and seabottom ecosystems around the country. The program provides for basic research and promotes education about marine resources.

- |   |   |
|---|---|
| A. Channel Islands, California              | H. Hawaiian Island Humpback Whale Sanctuary, Hawaii |
| B. Cordell Bank, California                 | I. Monitor, Virginia                                |
| C. Fagatele Bay, American Samoa             | J. Monterey Bay, California                         |
| D. Florida Keys/Key Largo/Looe Key, Florida | K. Northwest Straits, Washington                    |
| E. Flower Garden Banks, Texas               | L. Olympic Coast, Washington                        |
| F. Gray's Reef, Georgia                     | M. Stellwagen Bank, Massachusetts                   |
| G. Gulf of the Farallones, California       | N. Thunder Bay, Michigan                            |



# U.S. DEPARTMENT OF DEFENSE

**I** cannot imagine a strong America without well-educated Americans. If we are to maintain our hard-earned reputation for having the best Armed Forces in the world, we must start with young men and women who have gotten an edge on life in our schools. That edge includes skills in science, engineering, and technology. If the United States is to maintain a strong and responsible democracy and a prosperous economy into the next century, all of our citizens must be well educated. Americans with a good education will have the best chance of helping not only themselves and their families, but our Nation.

Les Aspin, Secretary  
U.S. Department of Defense

## MISSION

The mission of the U.S. Department of Defense (DoD) is to provide for national security.

## BACKGROUND

The Department of Defense makes a major investment in education and training. The Department has a vital interest in the ability of our Nation to produce highly trained scientists and engineers. During the past 50 years, the Military Services and Defense Agencies have developed wide-ranging programs that support science and engineering education. The programs evolved independently as each DoD component sought to increase the numbers and to improve the quality of scientists and engineers available to meet their needs.

In traditional educational settings, the Department of Defense provides education for grades K-12 for more than 150,000 dependents in overseas locations through the Department of Defense Dependents Schools System and in U.S. locations where the local civilian schools cannot meet the needs of the dependent population. The DoD service academies, with a total enrollment of 14,000, graduated approximately 3,300 officers in 1990. Additionally, more than 750,000 enlistees are participating in the Montgomery GI Bill Plan, which provides

subsidies to assist them in completing their college educations.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

Maintaining technological leadership is critical to both national defense strategy and economic well-being. The United States has consistently sought to develop and deploy superior weapon systems to project an imposing military presence that deters foreign aggression. Further, in today's global marketplace, countries will be able to enjoy continued economic prosperity only if they are able to effectively exploit and adapt to emerging technologies.

To carry out these strategies, the United States, in general, and DoD in particular, must have a supply of scientists and engineers that meets the national need. For DoD, demand for scientists and engineers includes those for civilian employees of the Department, military personnel, and defense contractor employees. DoD sponsors a wide range of educational programs to improve the quality of the pool of personnel from which scientists and engineers can be drawn, and in this way help ensure that science and engineering requirements are satisfied.

The Department directly employs more than 100,000 scientists and engineers, approximately 3 percent of the national pool. Of this number, approximately 25,000 are engaged in research and development in the Department's laboratories and centers.

More than 200 separate programs use a wide variety of approaches and methods to enhance science and engineering education at different educational levels. At the upper level, college and university professors guide advanced research and development efforts for specific DoD projects. Lower-level programs include sponsorship of elementary and secondary school science fairs, providing tutoring and mentorship for students, and demonstrations and laboratory tours that

stimulate interest in science and engineering. Many programs also exist that award scholarships, assistantships, and fellowships.

### **Elementary and Secondary Education**

Precollege programs range from short exposure tours, seminars, and science fairs to intensive tutoring and summer experience programs. The most effective programs are those, such as the High School Apprenticeship Programs, that encourage an interest in and cultivate enthusiasm for science and engineering careers and provide the necessary guidance.

### **Higher Education**

DoD support in the areas of science and engineering education includes undergraduate Reserve Officer Training Corps scholarships, graduate fellowships, national defense-related research conducted by graduate students, and programs designed to enhance recruitment and retention of civilian employees in science and engineering career fields.

Effective recruiting programs include career intern programs, which recruit students from college campuses for an accelerated promotion track and advanced education opportunities. The Co-op Program provides students with early exposure to the work environment and helps foster understanding of Federal job opportunities among students and college personnel, and the postdoctoral research associateships provide a continuing supply of well-qualified graduate scientists and engineers for conducting research in DoD laboratories or in universities through grants and contracts.

DoD's Research Office provides opportunities for graduate students to work with university faculty members and explore topics of interest to the Department. Fellowship opportunities are also provided through DoD laboratories, which may, upon degree completion, provide the recipient with employment opportunities.

## **HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED**

In 1991 the Department of Defense Authorization Act directed the Secretary of Defense to designate

an individual within its Office to act as an adviser on science, mathematics, and engineering education. As such, the Director of Defense Research and Engineering (DDR&E) has been identified as the individual responsible for implementing scientific, mathematics, and engineering educational improvement programs within DoD.

The structure for managing science and engineering educational activities within DoD consists of three elements. The DDR&E provides leadership. A Science and Engineering Education Panel (SEEP) serves as a review and advisory body to provide continuous oversight of, and coordination among, the military departments and defense agencies. Lab directors, program directors, and other managers within DoD components execute science and engineering education activities within their organizations.

DoD components exercise a great deal of discretion in conducting the science and engineering programs. The DDR&E does not focus on execution, but instead delegates authority for operation of the programs to the organizational level. The DDR&E serves as an interface with other Federal departments and agencies and, through SEEP, provides guidance and controls.

## **ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION**

### **Office of the Director, Defense Research and Engineering**

The Office of the Director, Defense Research and Engineering, oversees research at DoD facilities and advises on DoD educational programs.

Russ Herndon  
OSD/ODDR&E  
Pentagon, Room 3E1049  
Washington, DC 20301  
(703) 614-0205/Fax: (703) 697-3762





# U.S. DEPARTMENT OF EDUCATION

**T**he Department of Education is fully committed to National Education Goal Four, that by the Year 2000, American students will be first in the world in mathematics and science achievement.

Richard W. Riley, Secretary  
U.S. Department of Education

## MISSION

The U.S. Department of Education's (ED) mission is to ensure equal access to education and to promote educational excellence throughout the Nation. The Department has four major responsibilities:

- To collect data and oversee research on America's schools and to disseminate this information to educators and the general public.
- To identify and focus national attention on major issues and problems in education.
- To enforce Federal statutes prohibiting discrimination in programs and activities receiving Federal funds and to ensure equal access to education for everyone.
- To establish policies relating to Federal financial aid for education, to administer distribution of those funds, and to monitor their use.

## BACKGROUND

Although the Department of Education has existed as a Cabinet-level agency for a relatively short time, its history dates back to 1867. Originally created as a non-Cabinet-level Department, it soon became the Office of Education, where for more than a century it served primarily to collect information and statistics about the Nation's schools. In the late 1950s the Office's mission was expanded when concerns about the quality of education led to the creation of various programs to improve education. These programs were increased in the 1970s to support national efforts to help students gain equal access to quality education. In October 1979, Congress passed Public Law 96-88, creating the current U.S. Department of Education.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

The Department of Education provides resources to increase opportunities for students to learn mathematics and science. The Department also supports research and assistance programs to improve the quality of mathematics and science education, collects data on student learning, and conducts studies on the condition of science and mathematics education.

ED's role is broadly based and connected to every level of formal education. The Department's programs reach nearly every school system and postsecondary institution. These programs support mathematics, science, and technical education for the disadvantaged, handicapped, and students for whom English is not the primary language. The Department also supports the integration of science and mathematics learning with vocational and technical education. However, since most of the ED's funds are allocated by formula, the actual amount expended on mathematics and science education is often determined by the grant recipient.

### Elementary and Secondary Education

Approximately 95 percent of direct ED mathematics and science programs serve the precollege level. The Department aims to provide a balanced portfolio of programs that will benefit teachers, students, and schools at all educational levels. The cornerstone of ED's effort is the Eisenhower Mathematics and Science Education State Grant Program, which is the largest single K-12 mathematics and science program supported by any Federal agency.

### Higher Education

Most ED postsecondary education funds are allocated through grants or individual student financial aid. While many programs support opportunities to learn mathematics and science, only a few programs, such as the National Science Scholars Programs, are directly targeted at these

subjects; other postsecondary programs address broader educational purposes.

## **HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED**

The Department does not have a single major operating unit specifically charged with overseeing mathematics and science education. Rather, ED is organized by educational level (elementary and secondary education and postsecondary education) and particular educational concern (e.g., educational research and improvement, and vocational, bilingual, and special education). Mathematics and science education activities are carried out within these larger units.

## **ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION**

### **Office of Elementary and Secondary Education**

The Office of Elementary and Secondary Education supports elementary and secondary education through programs for compensatory education, school improvement, and special student populations. The Eisenhower State Grant Program targets mathematics and science education. Other programs with a broader educational mission, including compensatory education (Chapter 1), may also support mathematics and science education.

Office of Elementary and Secondary Education  
U.S. Department of Education  
400 Maryland Avenue SW.  
Washington, DC 20202  
(202) 401-0113

### **Office of Postsecondary Education**

The Office of Postsecondary Education supports postsecondary education through Federal student aid and programs in higher education, including international education, Historically Black Colleges and Universities, and accreditation. Although most of the programs do not specifically target mathematics and science education, they may be used to support mathematics and science education.

Sandra A. Martin  
Office of Postsecondary Education  
U.S. Department of Education  
Seventh and D Streets SW.  
Washington, DC 20202  
(202) 708-5547

### **Office of Educational Research and Improvement**

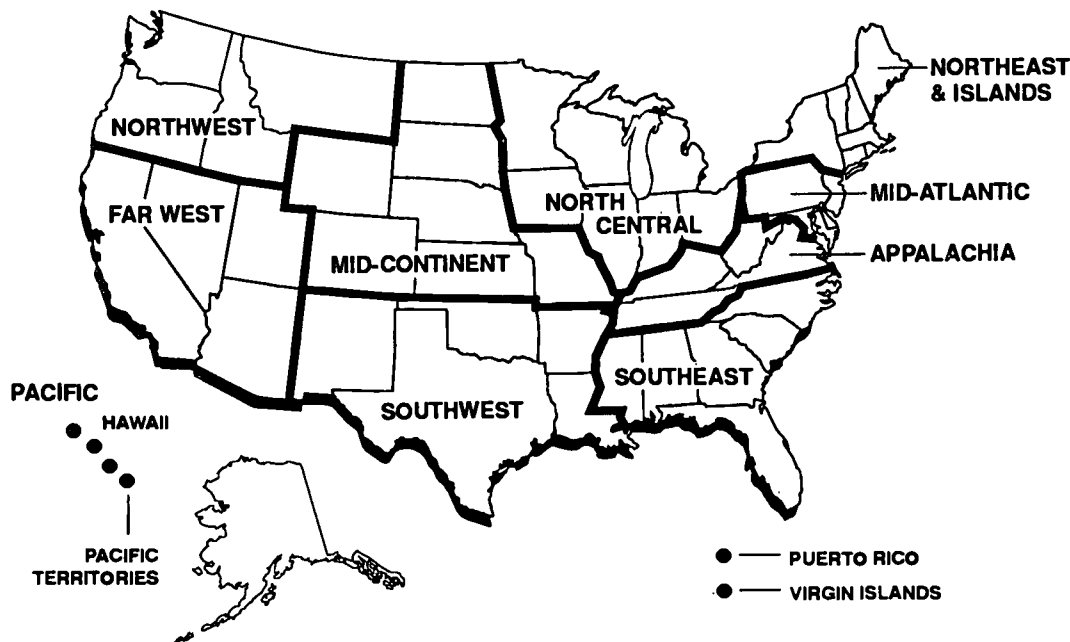
The Office of Educational Research and Improvement (OERI) supports and conducts research on education, collects and analyzes education statistics, disseminates information, and supports and improves library education and services. The Eisenhower National Program specifically supports mathematics and science. In general, however, mathematics and science are a part of the broader OERI educational mission.

Office of Educational Research and Improvement  
Programs for the Improvement of Practices  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208-5572  
(202) 219-2164

# DEPARTMENT OF EDUCATION

## EISENHOWER NATIONAL CLEARINGHOUSE AND REGIONAL CONSORTIA

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The Eisenhower National Program supports a national clearinghouse and 10 regional consortia that together form a coordinated, field-based network to promote systemic reform of mathematics and science education. Working closely with the Regional Consortia, the Eisenhower National Clearinghouse collects, catalogs, and disseminates information, curriculum materials, and other resources for K-12 mathematics and science education. At the State and local levels, the Regional Consortia provide information and technical assistance to educators and policymakers. The regional service boundaries of the consortia are identical to those of the regional educational laboratories, which are substantially involved in the consortium program.

### REGIONAL CONSORTIA

#### Appalachia Region

Eisenhower Math/Science Consortium at AEL  
Charleston, West Virginia

#### Far West Region

Far West Eisenhower Consortium for Science  
and Mathematics Education  
San Francisco, California

#### Mid-continent Region

Eisenhower High Plains Consortium for  
Mathematics and Science  
Aurora, Colorado

#### Mid-Atlantic Region

Mid-Atlantic Eisenhower Consortium for  
Mathematics and Science Education  
Philadelphia, Pennsylvania

#### North Central Region

Midwest Consortium for Mathematics and  
Science Education  
Oak Brook, Illinois

#### Northeast and Islands Region

Regional Alliance for Mathematics and Science  
Education Reform  
Montpelier, Vermont, and Andover, Massachusetts

#### Northwest Region

Northwest Consortium for Mathematics and  
Science Teaching  
Portland, Oregon

#### Pacific Region

Pacific Mathematics and Science Regional  
Consortium  
Honolulu, Hawaii

#### Southeast Region

SERVE Consortium for Mathematics and  
Science Education  
Tallahassee, Florida

#### Southwest Region

Southwest Consortium for the Improvement of  
Mathematics and Science Teaching  
Austin, Texas

### NATIONAL CLEARINGHOUSE

Eisenhower National Clearinghouse for  
Mathematics and Science Education  
Columbus, Ohio

### NATIONAL PROGRAM OFFICE

Eisenhower National Program  
Office of Educational Research and Improvement  
Washington, D.C.



# U.S. DEPARTMENT OF ENERGY

**E**ducation is the foundation on which our future prosperity as a Nation and people will be based. The Department of Energy is committed to ensuring that our young people receive the best education possible in the particularly critical fields of mathematics, science, and technology. Department of Energy programs in mathematics and science education range across all educational levels with special emphasis placed on helping women and minority students become full partners in the Nation's scientific and technical enterprise.

Hazel R. O'Leary, Secretary  
U.S. Department of Energy

## MISSION

The U.S. Department of Energy (DOE) has the responsibility for ensuring that the United States has sufficient energy to meet its future demands. In meeting this mission, the Department carries out short-, mid-, and long-term advanced research and technology development encompassing both energy supply and efficiency. In addition, DOE controls, maintains, reprocesses, and disposes of the nuclear weapons that are an integral part of the Nation's defense. DOE manages programs and projects implemented by the Government, the private sector, and private-public partnerships in all areas of energy research and development; moreover, these programs and projects support basic and applied research in the physical and environmental sciences, engineering, mathematics, and computational science. Therefore, the Department's work in these divergent areas carries varied responsibilities from high energy physics at one end of the scale to the development of energy efficient systems at the other.

## BACKGROUND

DOE was created in 1977 by the Department of Energy Organization Act, which consolidated into one Cabinet-level department the responsibilities previously carried out under the Atomic Energy

Commission; the Energy Research and Development Administration; several other small, independent energy-related agencies; and offices in other Federal departments. DOE and its contractors employ approximately 146,000 men and women, more than one-third of whom fill positions in DOE's scientific, engineering, and technical workforce. In addition to DOE's Headquarters components, the Department has an extensive field structure of national laboratories, research facilities, regional operations and support offices, and regional power administrations that are dispersed across urban and rural areas of the United States.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

In recognition of its need for well-educated, highly skilled scientific and technical personnel to carry out its basic research and development and operational missions, DOE has made education an essential part of its mission. DOE sponsors precollege educational programs that serve students, teachers, and the lifelong learner at the national, regional, State, and local levels. DOE's Office of Science Education and Technical Information along with its national laboratories and facilities across the country administer these programs; in particular, the laboratories and facilities have developed specific programmatic missions that target the precollege learner. In many cases, the laboratories and facilities offer educational opportunities that include onsite scientific research. In the past, programs at DOE facilities have reached annually more than 300,000 teachers and students.

### Elementary and Secondary

Most DOE activity in precollege science education focuses on (1) training and improving the skills of teachers and (2) establishing comprehensive programs to revitalize mathematics and science education throughout a community or region, in partnership with urban and rural school districts, business, and industry.



## Higher Education

As part of a continuum of efforts to keep students in the science pipeline, DOE has expanded its support of undergraduate-level science education programs, particularly those that encourage students from underrepresented groups to pursue scientific and technical studies and participate in cutting-edge research.

New initiatives at the graduate level prepare skilled professionals in energy-related fields with the projected national need.

## HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED

DOE educational programs are administered by the Office of Science Education and Technical Information through its 10 national laboratories and 30 specialized research facilities. Each facility conducts its own education programs and makes its resources available to precollege and university faculty and students. Each center plans and administers a range of precollege and university science education programs, which vary according to laboratory specializations and local needs, and which place special emphasis on providing students and their teachers with hands-on experiences in cutting-edge science and technology.

## ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION

U.S. Department of Energy  
Office of Science Education and Technical Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

AlliedSignal Aerospace Company  
Randy Williams, Community Relations  
P.O. Box 419159, 2000 East 95th Street  
Kansas City, MO 64141-6159  
(816) 997-2181/Fax: (816) 997-7259

Ames Laboratory  
Connie Hargrave, Educational Coordinator  
108 Office and Laboratory Building  
Ames, IA 50011  
(515) 294-9682/Fax: (515) 294-4456

Argonne National Laboratory  
Sam Bowen, Acting Director  
Division of Educational Programs  
9700 South Cass Avenue, Building 223  
Argonne, IL 60439  
(708) 252-3374/Fax: (708) 252-3193

Associated Western Universities  
Thomas Squires, Executive Director  
4190 South Highland Drive, Suite 211  
Salt Lake City, UT 84124  
(801) 273-8916/Fax: (801) 277-5632

Bates Linear Accelerator Center  
William Lobar  
P.O. Box 846  
Middleton, MA 01949  
(617) 245-6600/Fax: (617) 245-0901

Bonneville Power Administration  
Julie Adams, Education Program Officer  
P.O. Box 3621 SPB  
Portland, OR 97208-3621  
(503) 230-4138/Fax: (503) 230-4550

Bonneville Power Administration  
Rita Owen, Education Program Officer  
P.O. Box 3621 SPB  
Portland, OR 97208-3621  
(503) 231-6860/Fax: (503) 231-6288

Brookhaven National Laboratory  
Karl Swyler, Head  
Educational Programs  
30 Bell Avenue, Building 490  
Upton, NY 11973  
(516) 282-3054/Fax: (516) 282-5832

Continuous Electron Beam Accelerator Facility  
Kathryn Strozak, Educational Programs Coordinator  
12000 Jefferson Avenue  
Newport News, VA 23606  
(804) 249-7028/Fax: (804) 249-7028

Energy Technology Engineering Center  
Loren Stone  
P.O. Box 7930, 6633 Canoga  
Canoga Park, CA 91309  
(818) 586-5497/5118

Fermi National Accelerator Laboratory  
Stanka Jovanovic, Manager, Education Office  
P.O. Box 500  
Batavia, IL 60510  
(708) 840-3092/Fax: (708) 840-8248

Fernald Environmental Management Project  
Sue Waltale  
Educational Outreach  
P.O. Box 398704  
Cincinnati, OH 45239-8704  
(513) 648-6321/Fax: (513) 648-6903

DOE Field Office, Idaho  
Tijuana Cochnauer, Educational  
Outreach Manager  
785 DOE Place, MS 1214  
Idaho Falls, ID 83401  
(208) 526-9586/Fax: (208) 526-8789

Inhalation Toxicology Research Institute  
David Bice, Education Coordinator  
P.O. Box 5890  
Albuquerque, NM 87185  
(505) 845-1019/Fax: (505) 845-1198

Lawrence Berkeley Laboratory  
Roland Otto, Director  
Center for Science and Engineering Education  
Cyclotron Road, Building 938C  
Berkeley, CA 94720  
(510) 486-5325/Fax: (510) 486-6660

Lawrence Livermore National Laboratory  
Susan Wiebe, Administrator  
National Energy Research  
Supercomputer Center  
P.O. Box 5509, 700 East Avenue  
Livermore, CA 94550  
(510) 423-9394/Fax: (510) 423-5951

Lawrence Livermore National Laboratory  
Eileen Vergino, Education Programs  
P.O. Box 808  
Livermore, CA 94550  
(510) 424-0548/Fax: (510) 373-0142

Los Alamos National Laboratory  
Judith Kaye, Educational Outreach Office  
P.O. Box 1663, HRD-5, Mail Stop P278  
Los Alamos, NM 87545  
(505) 667-1919/Fax: (505) 665-4093

Morgantown Energy Technology Center  
Larry Headley, Applied Science Division  
P.O. Box 880  
Morgantown, WV 26507-0880  
(304) 291-4314/Fax: (304) 291-4292

Mound Facility  
EG&G Applied Technologies  
William Taylor, Education Programs Consultant  
P.O. Box 3000  
Miamisburg, OH 45343  
(513) 561-4866/Fax: (513) 865-3679

National Renewable Energy Laboratory  
Linda Lung, Education Programs Administrator  
1617 Cole Boulevard, Building 17  
Golden, CO 80401-3933  
(303) 231-7044/Fax: (303) 231-1997

Naval Petroleum Reserves in California  
U.S. Department of Energy  
Todd Goode  
P.O. Box 11, 28590 Highway 119  
Tupman, CA 93276  
(805) 763-6067/Fax: (805) 763-6699

DOE Field Office, Nevada  
Rudy Cruz, Educational Outreach Coordinator  
Office of External Affairs  
P.O. Box 98518  
Las Vegas, NV 89193-8518  
(702) 295-4628/Fax: (702) 295-0154

Northwest College and University  
Association for Science  
John Tabor  
100 Sprout Road  
Richland, WA 99352-1643  
(509) 375-3090/Fax: (509) 375-5567

Oak Ridge Institute for Science Education  
Al Wohlpart  
Science Engineering Education Division  
P.O. Box 117, 200 Badger Avenue  
Oak Ridge, TN 37831-0117  
(615) 576-3350/Fax: (615) 576-0202

Oak Ridge National Laboratory  
Chester Richmond  
Office of Science Education and  
External Relations  
105 Mitchell Road, Mailstop 6496  
Oak Ridge, TN 37831-6496  
(615) 576-3886/Fax: (615) 576-9496

Pacific Northwest Laboratory  
Irene Hays, Education Center  
P.O. Box 999, MS K1-66  
Battelle Boulevard  
Richland, WA 99352  
(509) 375-2584/Fax: (509) 375-2576

Pantex Plant  
Vanessa Tatum, Community Relations  
Assistant  
Administration and Services  
P.O. Box 30020  
Amarillo, TX 79117  
(806) 477-3772/Fax: (806) 477-5615

Pinellas Plant  
Shirley Cheatham, Manager, Public Affairs  
Martin Marietta Specialty Components  
P.O. Box 2908  
Largo, FL 34649-2908  
(813) 541-8263/Fax: (813) 545-6299

Pittsburgh Energy Technology Center  
Fred Brown, Office of Research and  
Development  
P.O. Box 10940  
Pittsburgh, PA 15236  
(412) 892-5942/Fax: (412) 892-6204

Plasma Physics Laboratory  
Diane Carroll, Head, Science Education  
Program  
J. Forrestal Campus  
Princeton University  
P.O. Box 451, Route 1  
Princeton, NJ 08543  
(609) 243-2107/Fax: (609) 243-2160

Raytheon Services Nevada  
Judith Schuhmacher, Manager  
Office of External Affairs  
222 South Rainbow Boulevard, Suite 213  
Las Vegas, NV 89128  
(702) 794-5423

DOE Rocky Flats Office  
Laura Schachter  
P.O. Box 928  
Golden, CO 80402-0928  
(303) 966-2200

Rocky Flats Plant  
Eileen Jemison, Educational Outreach  
Coordinator  
Community Relations  
P.O. Box 464  
Golden, CO 80402-0464  
(303) 966-2302/Fax: (303) 966-6153

Sandia National Laboratories  
William Dawes, Jr., Manager  
Educational Outreach  
P.O. Box 5800  
Albuquerque, NM 87185  
(505) 844-9364/Fax: (505) 844-1790

Sandia National Laboratory  
Karen P. Scott  
Education Outreach Program Manager  
P.O. Box 969  
Livermore, CA 94551  
(510) 294-3760/Fax: (510) 294-1526

Savannah River Ecology Laboratory  
J. Whitfield Gibbons  
Environmental Outreach and Education Division  
Drawer E  
Aiken, SC 29802  
(803) 725-5204

Savannah River Technology Center  
Michael Hodges  
Outreach Education Office  
Westinghouse Savannah River Company  
P.O. Box 616, Building 773-42A  
Aiken, SC 29808  
(803) 725-5328/Fax: (803) 725-4704

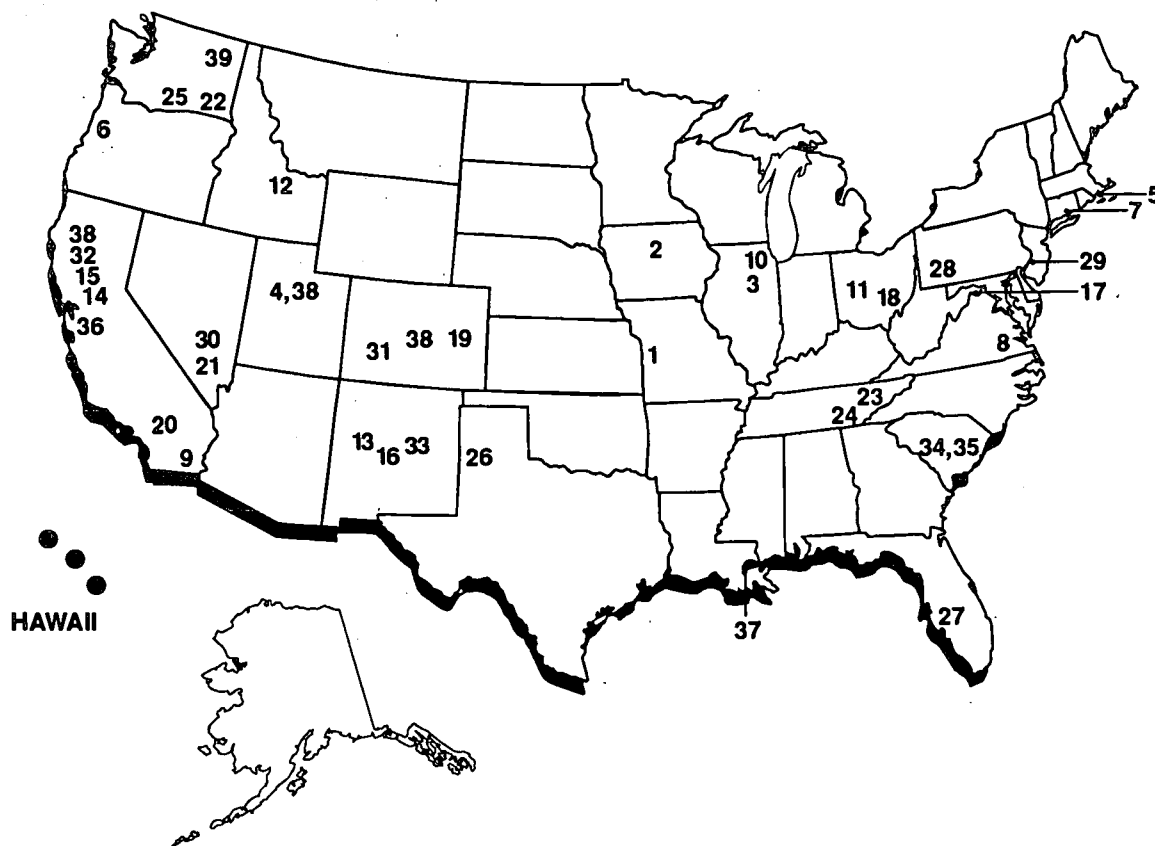
Stanford Linear Accelerator Center  
P.A. Moore, Education Officer  
P.O. Box 4349, Bin-81  
Stanford, CA 94309  
(415) 926-3826/Fax: (415) 926-4500

Strategic Petroleum Reserve  
Durinda Robinson  
900 Commerce Road East  
New Orleans, LA 70123  
(504) 734-4312/Fax: (504) 734-4427

Western Area Power Administration  
Charles Marquez  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

Westinghouse Hanford Company  
Gwen Leth  
P.O. Box 1970  
Richland, WA 99352  
(509) 376-5252/Fax: (509) 376-1404

# DEPARTMENT OF ENERGY LABORATORIES



1. **AlliedSignal Aerospace Company, Missouri**, operates the Kansas City Plant to produce nonnuclear components. Production activities are directed toward electrical and electronic products, mechanical products, and plastic products.
2. **Ames Laboratory, Iowa**, conducts fundamental research in the physical, chemical, materials, mathematical, engineering, and environmental sciences that underlie energy-generating, conversion, and transmission technologies.
3. **Argonne National Laboratory, Illinois**, specializes in basic and applied research that supports the development of energy-related technologies.
4. **Associated Western Universities, Utah**, is a consortium of 42 colleges and universities that coordinate a variety of national and regional science education programs.
5. **Bates Linear Accelerator Center, Massachusetts**, is operated by the Massachusetts Institute of Technology and produces highly skilled nuclear engineers and scientists.
6. **Bonneville Power Administration, Oregon**, is a DOE power marketing administration that services the Pacific Northwest.
7. **Brookhaven National Laboratory, Connecticut**, conducts applied research in the physical, biomedical, and environmental sciences and in selected energy technologies.
8. **Continuous Electron Beam Accelerator Facility, Virginia**, supports research in nuclear physics and advances knowledge and technology in accelerator physics, electron beams, detector equipment, data acquisition, and superconducting radiofrequency technology.
9. **Energy Technology Engineering Center, California**, provides management, engineering, testing, consultation, and project-monitored services for DOE programs and maintains and operates liquid metal test facilities.
10. **Fermi National Accelerator Laboratory, Illinois**, conceives, develops, constructs, and operates complex research facilities for the fundamental research of high-energy physics and the properties of matter.
11. **Fernald Environmental Management Project, Ohio**, concentrates on waste management, environmental restoration, and other environmental safety and health compliance issues.
12. **Idaho National Engineering Laboratory, Idaho**, builds nuclear reactors and support equipment; reprocesses nuclear fuel; processes liquid waste; disposes of low-level waste; and conducts research in biotechnology, electric vehicles, and waste management.

13. **Inhalation Toxicology Research Institute, New Mexico**, conducts basic and applied research to improve understanding of the nature and magnitude of the impact on human health of inhaling airborne materials.
14. **Lawrence Berkeley Laboratory, California**, supports a wide range of research activities in fields ranging from astrophysics to energy conservation.
15. **Lawrence Livermore National Laboratory, California**, specializes in the development and testing of nuclear weapons.
16. **Los Alamos National Laboratory, New Mexico**, has the primary mission of developing and testing nuclear weapons.
17. **Morgantown Energy Technology Center, West Virginia**, conducts research on fossil energy, clean coal technology, and environmental protection.
18. **Mound Facility, Ohio**, is an integrated research, development, and production facility that performs work in support of DOE weapons and energy programs, with an emphasis on development, explosives, and nuclear technology.
19. **National Renewable Energy Laboratory, Colorado**, develops renewable and related energy technologies and conducts basic research in energy sciences and technologies, analytic studies, wind, alternative fuels, and ocean energy.
20. **Naval Petroleum Reserves, California**, is responsible for providing emergency sources of liquid fuels for the armed forces.
21. **Nevada Test Site, Nevada**, is an outdoor laboratory for conducting nuclear weapons testing and is managed by the DOE Field Office in Nevada.
22. **Northwest College and University Association for Science, Washington**, is an association of 59 institutions in the Pacific Northwest and Alaska that conducts appointment programs in science and engineering.
23. **Oak Ridge Institute for Science Education, Tennessee**, offers national and international programs in science and engineering education, training, and management systems.
24. **Oak Ridge National Laboratory, Tennessee**, conducts basic and applied research in technology development and other technological challenges, including competencies in conservation, fission, magnetic fusion, renewable resources, and fossil energy.
25. **Pacific Northwest Laboratory, Batelle, Washington**, offers a broad array of research and development capabilities, with a focus on environmental quality, transfer of scientific knowledge, and engineering innovations.
26. **Pantex Plant, Texas**, manufactures components for, assembles, maintains, evaluates, and disassembles nuclear weapons.
27. **Pinellas Plant, Florida**, develops and produces neutron generators for nuclear weapons initiation and is involved in such areas as thermal batteries, power capacitors, quartz crystal resonators, and related fields.
28. **Pittsburgh Energy Technology Center, Pennsylvania**, conducts research on synthetic liquid fuels, coal combustion and gasification, and related phenomena.
29. **Plasma Physics Laboratory, New Jersey**, conducts research in magnetic fusion through the use of a Tokamak Fusion Test Reactor and associated experimental equipment.
30. **Raytheon Services Nevada, Nevada**, manufactures components for nuclear weapons and also manages nuclear waste.
31. **Rocky Flats Plant, Colorado**, serves as a key facility in nuclear weapons research, development, and production.
32. **Sandia National Laboratories, California**, apply engineering and scientific capabilities to nuclear weapons technology, energy research, and other areas of national interest.
33. **Sandia National Laboratories, New Mexico**, apply engineering and scientific capabilities to nuclear weapons technology, energy research, and other areas of national interest.
34. **Savannah River Ecology Laboratory, South Carolina**, acquires and communicates knowledge of ecological processes and principals.
35. **Savannah River Technology Center, South Carolina**, supports site operations through research, development, and demonstration studies in all areas of the nuclear fuel cycle and produces nuclear materials.
36. **Stanford Linear Accelerator Center, California**, carries out experimental and theoretical research in elementary-particle physics and develops new techniques for particle acceleration.
37. **Strategic Petroleum Reserve, Louisiana**, stockpiles crude oil and supplements oil supplies in the marketplace.
38. **Western Area Power Administration, Colorado**, markets Federal power and capacity to a service area that covers most of the Western States.
39. **Westinghouse Hanford Company, Washington**, specializes in environmental restoration and waste management, research, and support services and ways to permanently dispose of nuclear waste.





# U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

**I**f this country is to tackle one of the most difficult problems we face today—quality health care for all—it is critical that the public understand the science that underlies health. A scientifically informed citizenry is more likely to value the importance of disease prevention strategies and to act on that understanding. Because science is a life-long learning process we must nurture it in its earliest stages—at the preschool and elementary school levels—and allow our interest and knowledge in it to broaden throughout our adult lives.

Donna E. Shalala, Secretary  
U.S. Department of Health and  
Human Services

## MISSION

The U.S. Department of Health and Human Services (HHS) is the Federal Government's principal agency for promoting the health of Americans, providing essential human services, carrying out clinical and basic biomedical and behavioral research, and providing support for predoctoral and postdoctoral research training in the life sciences. HHS also has long been concerned with the depth and quality of the scientific workforce, and for this reason has launched a comprehensive life sciences education initiative.

## BACKGROUND

Created in 1980 from what was formerly the U.S. Department of Health, Education, and Welfare, HHS has the largest budget of all Federal departments. The work of HHS is implemented by the Office of the Secretary and four operating divisions—the Social Security Administration, the Health Care Financing Administration, the Administration for Children and Families, and the Public Health Service (PHS). The Public Health Service is the HHS agency with the major mission in science education.

In 1990 the Assistant Secretary for Health established the Public Health Service Life Sciences

Education and Science Literacy Board. The Board was charged with developing strategies for ensuring an adequate pool of well-trained personnel to meet future national needs in the life sciences and increasing the level of scientific understanding among youth and adults in the United States. The Board's first significant action was to host the Prologue to Action: Life Sciences Education and Science Literacy Conference. The Conference brought together experts from across the educational and scientific communities to provide recommendations on the role PHS agencies can play in improving science education. Recommendations made at the Conference form the basis for PHS' recently developed strategy on life sciences education and public understanding of science, *Meeting the Challenge: Achieving Results*.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

While many Federal agencies have broad educational missions that include support for science education and training, none focus specifically on biomedical and behavioral science education or literacy. HHS uses its expertise in the life sciences to provide new and expanded initiatives to support the national education efforts. The bulk of the Department's science education programs at the precollege and undergraduate levels are targeted toward bringing students who are traditionally underrepresented in the life sciences into the science education pipeline and supporting them as they move into the health professions, graduate programs, and research careers. Through its Public Health Service, HHS is increasing the public's understanding and appreciation for the life sciences, increasing the exposure of students at all levels to biomedical and behavioral research, and expanding efforts to recruit and retain underrepresented groups.

## **Elementary and Secondary**

Traditionally, HHS-supported training has focused on graduate and postdoctoral students. However, with the recent decrease in the number of high school and college students majoring in the sciences, the Department has begun to dedicate more of its education and training efforts to pre-college education. The Department views science education on a continuum from preschool to adulthood. Elementary programs such as Science Alliance, the Biomedical Research Advancement: Saturday Scholars (BRASS) Program at the middle school level, and the Biomedical Research Program at the high school level allow PHS to use its greatest resource—its scientists and technical staff—to increase the enthusiasm of both teachers and students for science.

The Department also offers programs targeted to the important transitional period from junior to senior high, as well as to its longstanding program for minority high school students, the Minority High School Student Research Apprentice Program (MHSSRAP). HHS also provides K–12 teachers with workshops and research opportunities and collaborates with them to increase opportunities for interaction with scientists, consult on curriculum-improvement projects, and explore collaborative activities with other public- and private-sector organizations.

## **Higher Education**

To ensure the availability of well-trained professionals to meet national health research goals, graduate support has been the primary emphasis of HHS education programs. This highly successful effort has nurtured many of the newest disciplines in the life sciences today—biotechnology, human genome research, and the search for the biologic components of mental illness. Integral to the Department's mission, graduate training is a stated requirement in section 487 of the Public Health Service Act.

The goal of HHS, to recruit and retain talented undergraduate students in life sciences careers, is accomplished primarily through direct financial support—grants, traineeships, and awards—to individuals and institutions. As in its programs for graduates, at the undergraduate level the Department supports students traditionally underrepresented in the life sciences. Longstanding programs like the Minority Access to Research Careers Honors Undergraduate Research Training Program, the Minority Biomedical Research

Support Program, and the Health Careers Opportunity Program demonstrate the Department's commitment to this goal.

## **Public Understanding of Science**

Public understanding of science is an important HHS priority. An informed public is better able to make informed judgments about the personal and societal implications of science and technology. Life sciences literacy improves the public's ability to be more effective health care consumers. Within the Department, PHS agencies are examining their programs to determine where science education messages can be more fully integrated into existing disease prevention, health promotion, consumer education, and other public outreach programs. The Department is also spearheading an interagency effort to increase the public's understanding of science by chairing the Federal Coordinating Council for Science Engineering and Technology Committee on Education and Training Working Group on Public Understanding of Science.

## **HOW MATHEMATICS AND SCIENCE PROGRAMS ARE ADMINISTERED**

The Public Health Service is the operating division within the Department of Health and Human Services that is most involved with science education. The agencies within PHS administer their own educational programs, although several Service-wide efforts are currently underway through the Life Sciences Education and Science Literacy Board. The Office of Science Education Policy at the National Institutes of Health is responsible for policy development and coordination of science and training efforts for the Public Health Service and HHS.

## **ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION**

### **Office of Science Education Policy**

The Office of Science Education Policy at the National Institutes of Health (NIH) was established to plan, develop, direct, and coordinate the NIH, PHS, and HHS life sciences education and training program.

Bonnie Kalberer, Director  
Office of Science Education Policy  
National Institutes of Health  
9000 Rockville Pike, Building 1, Room 218  
Bethesda, MD 20892  
(301) 402-2469

### **Office of Education**

The Office of Education at NIH offers programs to strengthen NIH training at the post doctoral level and to build on the resources of the intramural program to impact the education of future scientists.

Michael Fordis, M.D., Director  
Office of Education  
National Institutes of Health  
9000 Rockville Pike, Building 10, 1C12  
Bethesda, MD 20892  
(301) 496-2427

### **Office of Grants Information**

In addition to providing general information on grant programs, the Office has publications. For more information on higher education programs, request the booklet, *Research Training and Career Development Programs Supported by the National Institutes of Health*.

Office of Grants Information  
Division of Research Grants  
National Institutes of Health  
Westwood Building, Room 449  
5333 Westbard Avenue  
Bethesda, MD 20892  
(301) 594-7248



# U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

**T**he Nation's cities will be severely tested by the technology-driven global workplaces of the 21st century. A country that once lived with a minimum-skilled workforce now needs the most technically proficient, adaptable workforce possible. This change can only come about through marked achievements in education. The results will be directly related to the future economic and social well-being of our cities.

Henry G. Cisneros, Secretary  
U.S. Department of Housing  
and Urban Development

## MISSION

The U.S. Department of Housing and Urban Development (HUD) is the principal Federal agency responsible for programs concerned with the Nation's housing needs, fair housing opportunities, and the development and improvement of the Nation's communities.

## BACKGROUND

The Department was established in November 1965. Major Offices include Housing, which administers the Federal Housing Administration (FHA) mortgage insurance programs; Community Planning and Development, which administers the Block Grant funds to States and cities for urban improvement projects and funds homeless programs. Public and Indian Housing, which funds the construction and renovation of publicly-owned and managed housing through local Public and Indian Housing Authorities; Fair Housing and Equal Opportunity, which enforces anti-discrimination laws and promotes open housing plans; and Policy Development and Research, which formulates new initiatives and evaluates program experience. HUD's programs are administered through a national network of 10 regional and 70 area offices, including those in Alaska, Hawaii, and Puerto Rico.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

HUD is not directly involved in programs of mathematics and science education. However, the Department strongly supports the National Education Goals as an integral part of its commitment to strengthen families and communities. HUD's programs and activities affecting education focus on the special populations served by the Department, particularly low-income families receiving housing assistance, families in public housing, and minorities.

## HOW MATHEMATICS AND SCIENCE PROGRAMS ARE ADMINISTERED

Each office within the Department is responsible for administering its own education programs.

### Office of Public and Indian Housing

HUD's child care assistance program supports the goal of early intervention for children entering school. No programs, however, prescribe content of the child care activities or the early childhood curriculum. The Department strongly supports the concept of drug education and prevention for school-age children as a way to help make public housing communities drug-free. Most Department-sponsored drug prevention programs have education components.

Julie Fagan, Office of Public  
and Indian Housing  
Department of Housing and Urban  
Development  
451 Seventh Street SW.  
Washington, DC 20410  
(202) 708-1197

## **Office of Community Planning and Development**

The Department has a program of assistance to Historically Black Colleges and Universities that both builds the capabilities of the institution and involves faculty and students in real-world problems of economics, planning, and social issues in nearby communities.

James Turk, Office of Community  
Planning and Development  
Department of Housing and Urban  
Development  
451 Seventh Street SW.  
Washington, DC 20410  
(202) 708-3176

## **Office of Lead-Based Paint**

In December 1991 HUD created an Office of Lead-Based Paint Abatement and Poisoning Prevention to develop guidelines and regulations applicable to HUD and other federally supported housing programs to ensure that residents of these housing units are safe from the hazards of lead-based paint. While this Office supports a program of public information about these hazards, EPA manages the national information clearinghouse.

Arthur Newburg, Office of Lead-Based Paint  
Department of Housing and Urban  
Development  
451 Seventh Street SW.  
Washington, DC 20410  
(202) 755-1785





# U.S. DEPARTMENT OF THE INTERIOR

**E**ducation is the key to unlocking the vast potential of the individual and the means by which society will meet the myriad social, economic, and environmental challenges of the future.

Bruce Babbitt, Secretary  
U.S. Department of the Interior

## MISSION

As the Nation's principal conservation agency, the U.S. Department of the Interior (DOI) has responsibility for most of our nationally-owned public lands and natural resources. This responsibility includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

## BACKGROUND

The Department of the Interior was formed on March 3, 1849. The natural resource stewardship responsibilities of the Department are carried out by its 10 bureaus with more than 60 regional and 1,500 field offices.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

DOI's stewardship mission and its extensive scientific and technological expertise present unique opportunities for educational outreach. With more than 440 million acres of land, 467 wildlife refuges, 75 fish hatcheries, and 356 national

parks, including battlefields and seashores, DOI provides many opportunities for people to learn about science by observing nature firsthand.

## Elementary and Secondary

About half of the Department's precollege efforts directly support students through workshops, informal classes, and student work appointments. DOI offers educational activities at its many field sites, develops curriculum materials, and provides educational opportunities to special populations. In addition, the Department supports mathematics and science instruction at the Bureau of Indian Affairs schools.

## Higher Education

The majority of DOI's undergraduate programs provide student support, mostly in the form of student work appointments. Many of the bureaus enter into partnerships with State and academic institutions to further research and education in natural resource management. In addition, DOI provides support to Historically Black Colleges and Universities and to the Hispanic Association of Colleges and Universities. Graduate research programs fund basic and applied research and generate Earth science data. The Department also offers predoctoral and postdoctoral fellowships.

## Public Understanding of Science

Fostering effective stewardship of the Nation's public lands and resources is a top Department priority. With hundreds of parks, refuges, fish hatcheries, and other field sites, many opportunities exist for visitors to learn about science by observing nature firsthand.

## HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED

DOI's educational programs are administered by its 10 bureaus. Because the Department's education outreach is a grassroots effort, information requests can be handled more effectively by the

DOI Field Offices and facilities listed in the State Highlights section of this publication.

## **ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION**

### **Bureau of Indian Affairs (BIA)**

BIA works with Indian tribal governments and Alaskan Native village communities to encourage and support tribal efforts to self-govern and to provide needed programs and services on the reservations. Developing forest lands, leasing mineral rights, directing agricultural programs, and protecting water and land rights are included in this responsibility.

Charles Geboe, Branch Chief  
Elementary and Secondary Education  
Bureau of Indian Affairs  
Department of the Interior  
1849 C Street NW.  
Mail Stop 3512, Code 521  
Washington, DC 20240  
(202) 219-1127/Fax: (202) 219-9583

### **Bureau of Land Management (BLM)**

BLM manages, under the principles of multiple use and sustained yield for the benefit of all Americans, our Nation's public lands of approximately 270 million acres located primarily in the West and in Alaska, which comprise about one-eighth of our Nation's land area. BLM promotes natural resource and environmental education through a broad range of activities conducted by BLM field offices located in 12 western States. State offices can provide information on local district offices that sponsor environmental education programs.

Mary Tisdale, Special Projects Manager  
Bureau of Land Management  
Department of the Interior  
1849 C Street NW., Room 5637, WO 110  
Washington, DC 20240  
(202) 208-6913/Fax: (202) 208-6769

### **Bureau of Mines (BOM)**

BOM's mission is to help ensure that the Nation has adequate mineral supplies for security and other needs. BOM research contributes to improved technology for the extraction, processing, use, and recycling of the Nation's mineral resources at a reasonable cost and without harm to the environment or the workers involved.

Bobby J. Reiley, Office of Public Information  
U.S. Bureau of Mines, MS-1040  
Department of the Interior  
Washington, DC 20241  
(202) 501-9655/Fax: (202) 219-2493

### **Bureau of Reclamation (BOR)**

BOR's mission is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of safe and dependable water supplies for agricultural, municipal and industrial, and domestic users; to produce clean, renewable hydroelectric energy at Reclamation powerplants; to protect and improve water quality; to provide recreational and fish and wildlife benefits for the public; to enhance river regulation and navigation; and to control damaging floods.

Lynn Almer, Environmental Education Manager  
Bureau of Reclamation  
Department of the Interior  
P.O. Box 25007 (D-4005)  
Denver, CO 80225  
(303) 236-8633/Fax: (303) 236-0232

### **Minerals Management Service (MMS)**

MMS' mission is twofold: first, to collect and disburse revenues generated from mineral leases on Federal and Indian lands; and second, to oversee the orderly development of America's offshore energy and mineral resources while properly safeguarding the environment.

Lyn Herdt, Acting Chief, External Affairs  
Mineral Management Service  
Department of the Interior  
1849 C Street NW., MS 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

### **National Park Service (NPS)**

NPS' principal responsibility is to administer the National Park System. The system is composed of more than 370 areas of great diversity, including parks, monuments, historic sites, battlefields, seashores and lakeshores, and recreational areas.

Bob Huggins, Division of Interpretation  
National Park Service  
Department of the Interior  
P.O. Box 37127  
Washington, DC 20013-7127  
(202) 523-5270/Fax: (202) 523-0162

## **Office of Surface Mining Reclamation and Enforcement (OSMRE)**

OSMRE's mission is twofold: to protect people and the environment from the adverse effects of coal mining, while recognizing the Nation's vital need for energy from coal. To that end, OSMRE regulates current mining operations, and helps repair lands that were mined and left unreclaimed and abandoned in the past.

Sarah Donnelly  
Chief of the Branch Training and  
Technical Information  
Office of Surface Mines  
Department of the Interior  
1951 Constitution Avenue NW.  
Room 640 (NC)  
Washington, DC 20240  
(202) 343-1828/Fax: (202) 343-1512

## **Territorial and International Affairs (TIA)**

The Department of the Interior has administrative responsibility for coordinating Federal policy in the territories of American Samoa, Guam, the Virgin Islands, the Commonwealth of the Northern Mariana Islands, and the Trust Territory of the Pacific (Republic of Palau). TIA provides technical assistance to the freely associated States of the Republic of the Marshall Islands and the Federated States of Micronesia under Section 226 of the Compact of Free Association. TIA's mission is to promote economic, social, and political development in these territories that will foster self-governing and active participation of the peoples of these territories in the determination of their own futures.

Odessa Mitchell, Program Analyst  
Territorial and International Affairs  
Department of the Interior  
1849 C Street NW., MS 4328  
Washington, DC 20240  
(202) 208-4707/Fax: (202) 208-7585

## **U.S. Fish and Wildlife Service (FWS)**

FWS' mission is to conserve, protect, and enhance fish and wildlife and their habitats for the continuing benefit of the American people. Migratory birds, endangered species, freshwater and anadromous fisheries, and certain marine mammals are primary FWS responsibilities.

Jim Massey, Office of Training and Education  
U.S. Fish and Wildlife Service  
Department of the Interior  
4401 North Fairfax Drive, MS 304 WEBB  
Arlington, VA 22203  
(703) 358-1781/Fax: (703) 358-2283

## **U.S. Geological Survey (USGS)**

USGS' mission is to provide geologic, topographic, and hydrologic information that contributes to wise management of the Nation's natural resources, and that promotes its peoples' health, safety, and well-being. This information consists of maps, databases, and descriptions and analyses of the water, energy, and mineral resources, land surface, underlying geologic structure, and dynamic processes of the Earth.

David Terrell, Deputy Chief of Publications  
National Mapping Division  
U.S. Geological Survey  
Department of the Interior  
12201 Sunrise Valley Drive  
Reston, VA 22092  
(703) 648-5790/Fax: (703) 648-5939



# U.S. DEPARTMENT OF JUSTICE

**W**e must work to free our teachers of the social burdens in our schools, such as drugs and violence, so that they may rise to the educational challenge of teaching our children the skills that will meet our Nation's growing scientific and technological needs. Only by making this investment in our children now will they be prepared to maintain America as a first-rate Nation.

Janet Reno, U.S. Attorney General  
U.S. Department of Justice

## MISSION

The U.S. Department of Justice (DOJ) provides legal advice to the President, represents the Executive Branch in Federal courts, investigates Federal crimes, enforces Federal laws, operates Federal prisons, and provides law enforcement assistance to State and local communities.

## BACKGROUND

The Office of the Attorney General was established in 1789, and the Department of Justice was subsequently established in 1870. The Department is labor intensive, relying heavily upon its personnel to fulfill its mission. Professionals of the highest caliber comprise the Department's many litigating divisions, law enforcement offices, and management and coordination offices.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

Compared with the Federal science mission agencies, the Department of Justice lacks a significant focus on mathematics and science-related occupations. However, the Department conducts numerous programs that support the national educational goals, including improving student performance in mathematics and science. In addition, mathematics and science play an important role in certain aspects of the Department's mission, particularly the laboratory operations of the Federal Bureau of Investigation and the Drug Enforcement

Administration. Opportunities for the active participation of students in the scientific endeavors of the Department are necessarily limited by the confidential nature of investigations into illegal activity and the need for security clearance.

## Elementary and Secondary

Most programs offered by DOJ are part of delinquency prevention or volunteer educational outreach, and are not directly related to mathematics or science education.

## Higher Education

DOJ activities have an indirect impact in the areas of education programs in mathematics and science. The Department awards research grants and sponsors graduate research fellowships and summer intern programs.

## HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED

While DOJ is not a leader among Federal agencies in the field of mathematics and science education, the National Institute of Justice, the Federal Bureau of Investigation, and the Drug Enforcement Administration sponsor programs related to the Department's research efforts.

## ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION

### The National Institute of Justice of the Office of Justice Programs

Created in 1968 as DOJ's principal research branch, the National Institute of Justice awards grants to colleges and universities to conduct studies on the prevention and control of crime or to improve scientific approaches to the forensic investigation of crime. The Institute also sponsors graduate research fellowships to support work on dissertations in the field of criminal justice.

Office of the Director  
National Institute of Justice  
633 Indiana Avenue NW., Room 846  
Washington, DC 20531  
(202) 307-2942

### **The Federal Bureau of Investigation**

The Federal Bureau of Investigation provides training and research to law enforcement through the Forensic Science Research and Training Center. Research at the Center focuses on the development of new methods in forensic science. The Center operates a summer student intern program for upper level-college students.

John Hicks, Assistant Director  
Laboratory Division  
Federal Bureau of Investigation  
FBI Building, Room 3090  
Ninth Street and Pennsylvania Avenue NW.  
Washington, DC 20535  
(202) 324-4410

### **The Drug Enforcement Administration**

The Drug Enforcement Administration supports drug investigations through the eight forensic laboratories located throughout the Nation. Chemists in these facilities participate in various educational activities.

Aaron P. Hatcher, III  
Deputy Assistant Administrator  
Office of Forensic Sciences  
Drug Enforcement Administration  
Washington, DC 20537  
(202) 307-8866





# U.S. DEPARTMENT OF LABOR

**F**or most Americans, there is but one manageable source of economic security for themselves and their families: the ability to get the knowledge and skills the market demands. Our challenge is to provide every man and woman, student and worker, with the opportunity to acquire the academic and technical skills they need to achieve the economic security we all want.

Doug Ross, Assistant Secretary of  
Labor for Employment and Training  
U.S. Department of Labor

## MISSION

The U.S. Department of Labor's (DOL's) basic concern is quality of life for American workers. The Department enforces laws that protect jobs, pension rights, and worker safety and health; helps people find jobs; sponsors training for those who need it; guides the Nation's unemployment insurance system; monitors changes in employment and prices; and provides services and information to workers, employers, teachers, students, business people, government officials, and others.

## BACKGROUND

The Department was created as a cabinet-level agency by Congress in 1913 "to foster, promote, and develop the welfare of the wage earners of the United States, to improve their working conditions, and to advance their opportunities for profitable employment." Predecessor agencies had existed since 1884, but this legislation marked the first time that a cabinet department was created with the primary function of furthering the interests of working people.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

For most agencies and offices within DOL, the major training activity is directed toward Federal staff, and in some cases, State and local staff, to help them carry out their responsibilities. The

Department's Employment and Training Administration (ETA) also is involved in broad basic mathematics and science education and vocational training for unskilled and unemployed workers. Training activities focus on vocational technical training skills and basic literacy education, including mathematics and general equivalency diploma (GED) preparation, which is generally provided outside the traditional education system.

Among other activities, ETA funds training programs to enable workers to gain the skills they need for employment, primarily those authorized by the Job Training Partnership Act (JTPA), which includes a system of decentralized State and local programs, funded through grants to the States, and the Job Corps.

## HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED

DOL's mathematics and science education programs are administered by the Department's Employment and Training Administration and operated at the State or community levels.

## ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION

### Employment and Training Administration Office of Employment and Training Programs

The Office of Employment and Training Programs administers programs for economically disadvantaged youth and adults.

Hugh Davies, Director  
Office of Employment and Training Programs  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW., Room N4469  
Washington, DC 20210  
(202) 219-5580/Fax: (202) 219-7190

**Employment and Training Administration  
Office of Worker Retraining and  
Adjustment Programs**

The Office of Worker Retraining and Adjustment Programs administers programs for dislocated workers.

Robert Colombo, Director  
Office of Worker Retraining and  
Adjustment Programs  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW., Room N5426  
Washington, DC 20210  
(202) 219-5577/Fax: (202) 219-5938

**Job Corps**

The Job Corps administers a network of residential training centers that prepare severely disadvantaged youth aged 16-24 for productive employment and entrance into vocational/technical schools, junior colleges, military service, or other institutions for further education and training.

Judy Vitale, Education Specialist  
Education and Enrollee Support Unit, Job Corps  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW., Room N4507  
Washington, DC 20210  
(202) 219-5556/Fax: (202) 219-5183



# U.S. DEPARTMENT OF TRANSPORTATION

**S**ound technological investments can promote long-term economic growth that creates jobs and protects the environment; can help make government more efficient; and can provide the basis for national leadership in application of new technology to economic growth.

Federico F. Pena, Secretary  
U.S. Department of Transportation

## MISSION

The U.S. Department of Transportation (DOT) will shape the National Transportation Policy to "tie America together" with a safe, technologically advanced, and efficient transportation system that promotes economic growth and international competitiveness now and in the future, and contributes to a healthy and secure environment for us and our children.

## BACKGROUND

Since 1967 the Department has helped keep the Nation's transportation system running. The Department functions through 10 operating administrations, each of which oversees a different aspect of transportation and implements its own programs directly, reporting to the Secretary of Transportation.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

Mathematics and science education is a critical support activity to ongoing DOT programs. Education conveys new technical skills to professionals already in the transportation community and develops a pool of trained technical talent to move into jobs in the transportation sector.

### Elementary and Secondary

The Federal Aviation Administration (FAA) offers aviation education programs for educators at all levels (K-college) that stimulate interest in mathematics and science for students of all ages. FAA-sponsored programs for students include Air Bear

for elementary students, the International Aviation Art Contest, and the Aviation Career Education (ACE) Academy summer program for high school students, which focuses on the science of flight and the study of science and careers. In addition, the Research and Special Programs Administration's Volpe National Transportation Systems Center encourages awareness of transportation careers.

### Higher Education

Institutions of higher education can receive DOT assistance, including funding to support curricula and grants for research related to transportation. The Department sponsors cooperative education programs, research fellowships, and scholarships. In addition, most DOT operating administrations have technical laboratories with advanced technology materials and are required to engage in research application and technology transfer activities. The Department is committed to increasing involvement of Historically Black Colleges and Universities in funded programs and activities.

## HOW MATHEMATICS AND SCIENCE PROGRAMS ARE ADMINISTERED

Each operating administration within the Department of Transportation is responsible for its own education programs.

## ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION

### Office of Research Policy and Technology Transfer, Research and Special Programs Administration (RSPA)

RSPA research and technology programs provide the oversight necessary to ensure that DOT's research and development (R&D) program is effectively advancing U.S. transportation technology and expertise. RSPA's multimodal systems approach provides the Secretary with a critical

counterbalance to the focus on the needs of individual modes of transportation in the other DOT operating administrations. The research and technology programs also provide analyses of specific technology areas, and ensure that the Department's efforts integrate with Government-wide technology initiatives and thrusts.

Of particular importance in the science and technology education areas, these activities also help ensure that DOT's R&D results and other innovative efforts from across the country are made available in a useful form to Federal, State, and local elected and appointed officials, the transportation community, and academia.

Norman G. Paulhus, Jr.  
Acting Director for the Office of Research  
Policy and Technology Transfer  
U.S. Department of Transportation  
400 Seventh Street SW.  
Washington, DC 20590  
(202) 366-4208

### **Federal Aviation Administration (FAA)**

The FAA conducts an active aviation education program that promotes public understanding and supports the growth of civil aviation as well as career awareness. Programs focus on diversity and cultivation of student interest in mathematics and the sciences as applied to aviation and include even the youngest of students. To support the development of effective aviation education programs at all levels, the FAA maintains a network of aviation education resource centers across the country, develops curriculum guides and supports teacher workshops, conducts youth

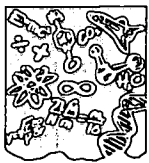
programs, and establishes formal partnerships with industry and education organizations. The FAA contributes aviation education-related information to the Federal Information Exchange/Minority Online Information System (FEDIX/MOLIS), an electronic clearinghouse of aviation educational materials, resources, and references.

Philip S. Woodruff, Division Manager  
Aviation Education Division (AHT-100)  
Federal Aviation Administration  
400 Seventh Street SW., Plaza 100  
Washington, DC 20590  
(202) 366-7018/Fax: (202) 366-3786

### **National Highway Institute**

The National Highway Institute administers the Eisenhower Transportation Fellowship Program, which includes the Eisenhower Graduate Fellowships, the Eisenhower Grants for Research Fellowships, the Eisenhower Historically Black Colleges and Universities Fellowships, the Eisenhower Historic Serving Institutions Fellowships, the Eisenhower Postdoctorate Fellowships, and the Eisenhower Faculty Fellows programs. The Institute also administers the College Curriculum Program, where materials developed for short courses and tested by practitioners for effectiveness are shared with colleges and universities.

George Shrieves  
National Highway Institute (HHI-20)  
Turner-Fairbank Highway Research Center  
6300 Georgetown Pike  
McLean, VA 22101  
(703) 285-2770



# U.S. DEPARTMENT OF VETERANS AFFAIRS

**T**he basics of education are not enough anymore; in order to be competitive in the future, Americans will need a foundation of quality education, and they will need to continue learning throughout their lifetime. I believe, as the President does, that our educational system can achieve international excellence, if we establish clear standards and support realistic student loan programs. The VA will continue to be a major contributor in this area through GI Bill benefits and our involvement in health care education.

Jesse Brown, Secretary  
U.S. Department of Veterans Affairs

## MISSION

The mission of the U.S. Department of Veterans Affairs (VA) is to serve America's veterans and their families with dignity and compassion and to be their principal advocate in ensuring that they receive the care, support, and recognition they have earned in service to this Nation.

## BACKGROUND

The Department of Veterans Affairs, formerly the Veterans Administration, was elevated to Cabinet level in 1989. The Department has three main components that administer veterans' programs: the Veterans Health Administration, the Veterans Benefits Administration, and the National Cemetery System.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

The vast VA workforce, representing diverse science and technology-related professions, includes physicians, nurses, statisticians, architects, and computer specialists. As part of its mission to provide health care to eligible veterans, the VA provides training and education for health professionals and conducts medical, health, and rehabilitation research. The Department supports

graduate-level education through associated health trainee programs. The Department also administers education benefits to eligible veterans, service persons, and dependents.

## HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED

Two VA administrative offices are involved in education activities: the Veterans Health Administration and the Veterans Benefits Administration.

## ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION

### The Veterans Health Administration Office of Academic Affairs

The Veterans Health Administration Office of Academic Affairs conducts the Nation's largest coordinated education and training effort for the health professions.

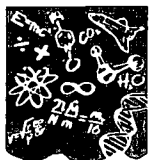
Veterans Health Administration  
Office of Academic Affairs (14)  
810 Vermont Avenue NW.  
Washington, DC 20420  
(202) 535-7091

### Veterans Benefits Administration Education Service

The Veterans Benefits Administration Education Service administers several basic educational programs for veterans, service persons, and eligible dependents.

Veterans Benefits Administration  
Education Service (22)  
810 Vermont Avenue NW.  
Washington, DC 20420  
(202) 233-5154





# U.S. ENVIRONMENTAL PROTECTION AGENCY

**E**nvironmental education is an important new initiative at EPA. However, widespread improvements in environmental literacy require a unified commitment from government, business, environmental organizations, and educators alike to increase the quality of our environmental education initiatives.

Carol M. Browner, Administrator,  
U.S. Environmental Protection Agency

## MISSION

The U.S. Environmental Protection Agency (EPA) is responsible for implementing the Federal laws designed to protect the public from environmental hazards, enhance the quality of our natural environment, and expand our knowledge of the environment. The Agency endeavors to accomplish its mission systematically by proper integration of a variety of research, monitoring, standard-setting, enforcement, and educational activities. As a complement to its other activities, EPA coordinates and supports research and anti-pollution activities of State and local governments, private and public groups, individuals, and educational institutions. EPA also monitors the operations of other Federal agencies with respect to their impact on the environment.

## BACKGROUND

The Environmental Protection Agency was created through Reorganization Plan #3 of 1970, which was devised to consolidate the Federal Government's environmental regulatory activities into a single agency. The plan was sent by President Nixon to Congress on July 9, 1970, and the Agency began operation on December 2, 1970.

The enactment of major new environmental laws and important amendments to older laws in the 1970s and 1980s greatly expanded EPA's responsibilities. The Agency now administers 10 comprehensive environmental protection laws: the Clean Air Act; the Clean Water Act; the Safe Drinking Water Act; the Comprehensive Environmental

Response, Compensation, and Liability Act; the Federal Insecticide, Fungicide, and Rodenticide Act; the Toxic Substances Control Act; the Marine Protection, Research, and Sanctuaries Act; the Uranium Mill Tailings Radiation Control Act; and the Pollution Prevention Act. In addition, the National Environmental Education Act was passed in 1990 that gave EPA, for the first time, the authority to develop a national environmental education program.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

As political leaders and the public continue to recognize the urgency and global nature of environmental challenges, the EPA will be required to respond with still higher quality research, innovative analysis, and sound strategies for public involvement. Currently, more than one-third of the Agency's employees are scientists and engineers, and the demands for highly educated and talented staff will only increase as the scientific complexity of environmental problems increase. Clearly, the Agency has a vested interest in ensuring that students emerging from the Nation's education system are literate in mathematics and science, and that the Nation produces an adequate supply of world-class scientists and engineers. In addition, the Agency believes that an environmentally educated public is the best means to bring about voluntary changes in personal behaviors that affect the environment.

### Elementary and Secondary Education

As a result of the passage of the National Environmental Education Act of 1990, the Agency will focus on two broad areas of environmental education: improving basic science literacy as the core of environmental education for students in grades K-12 (and colleges), and informing the general public about environmental consequences of their individual and collective actions and motivating them to address environmental problems.

## **Higher Education**

EPA offers predoctoral fellowships and traineeships and postdoctoral fellowships. Undergraduate programs provide opportunities for research, work study, and other forms of assistance to students.

## **HOW MATHEMATICS AND SCIENCE PROGRAMS ARE ADMINISTERED**

The Agency's headquarters in Washington, D.C., maintains overall planning, coordination, and control of EPA programs, and two offices at headquarters have responsibilities related to education programs. To ensure that EPA is truly responsive to the American people, the Agency has established 10 regional offices, and each of these offices has an environmental education coordinator. In addition, the EPA maintains field offices in the following categories: laboratories, investigations, and administration.

## **ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION**

### **Environmental Education Division**

The mission of the Environmental Education Division is to advance and support national and

international environmental education efforts, to develop an environmentally conscious and responsible public, and to inspire in all individuals a sense of personal responsibility for the care of the environment.

Environmental Education Division  
U.S. Environmental Protection Agency  
401 M Street SW. (1707)  
Washington, DC 20460  
(202) 260-4965

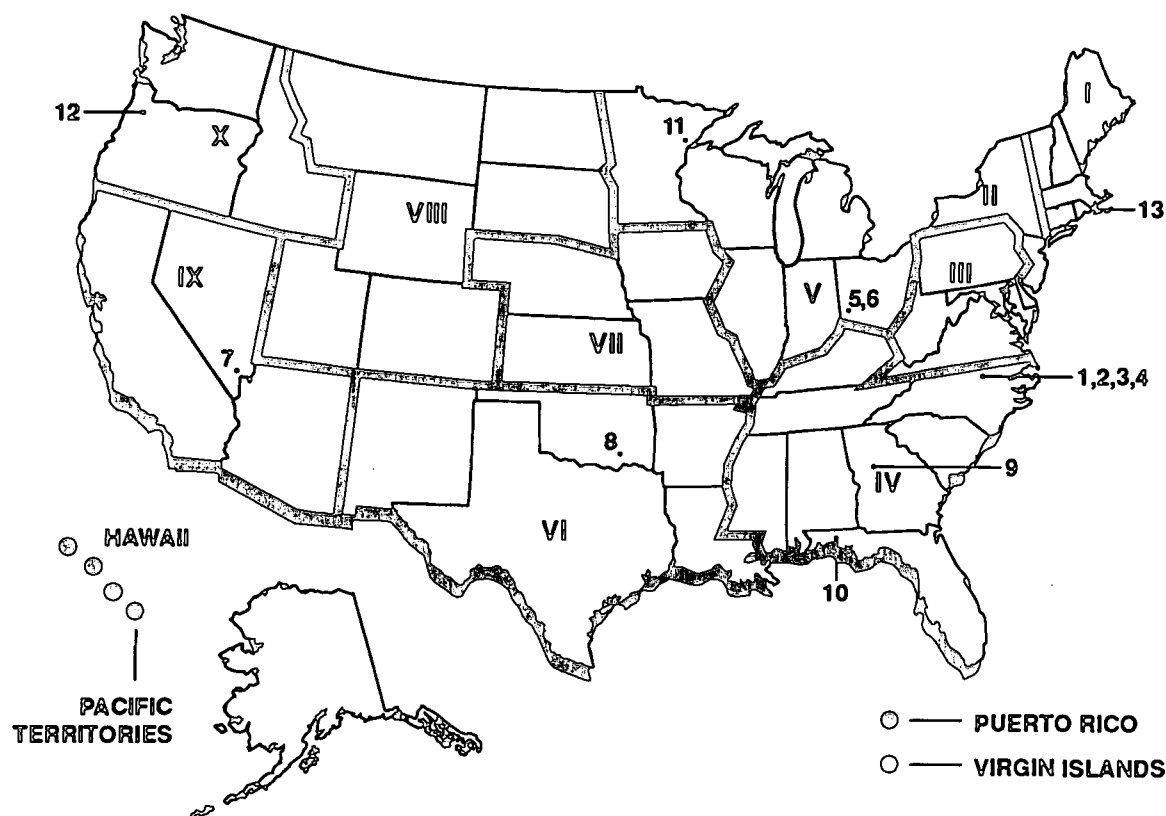
### **Office of Research and Development**

The Office of Research and Development (ORD) coordinates education programs related to research efforts. Each of ORD's facilities and offices plans and administers a range of programs, pre-college through graduate, which vary according to laboratory specialization and community needs.

Office of Research and Development  
U.S. Environmental Protection Agency  
401 M Street SW. (H-8105)  
Washington, DC 20460  
(202) 260-7671/Fax: (202) 260-0036

# ENVIRONMENTAL PROTECTION AGENCY

## REGIONAL OFFICES AND RESEARCH LABORATORIES



### Regional Offices

To ensure that EPA is truly responsive to the American people, it has established 10 regional offices. Each office has an Environmental Education Coordinator who oversees participation in regional environmental education programs, which include a variety of activities. Materials and information on environmental issues are also available.

Region I	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont	Region VI	Arkansas, Louisiana, New Mexico, Oklahoma, Texas
Region II	New Jersey, New York, Puerto Rico, Virgin Islands	Region VII	Iowa, Kansas, Missouri, Nebraska
Region III	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia	Region VIII	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
Region IV	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee	Region IX	Arizona, California, Hawaii, Nevada, American Samoa, Guam
Region V	Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin	Region X	Alaska, Idaho, Oregon, Washington

### Research Laboratories and Offices

The Office of Research and Development has research laboratories and offices that plan and administer a range of environmental programs, precollege through graduate level, which vary according to laboratory specialization and community needs.

1. Air and Energy Engineering Research Laboratory, Research Triangle Park, North Carolina
2. Atmospheric Research and Exposure Assessment Laboratory, Research Triangle Park, North Carolina
3. Health Effects Research Laboratory, Research Triangle Park, North Carolina

4. Environmental Criteria and Assessment Office, Research Triangle Park, North Carolina
5. Risk Reduction Engineering Laboratory, Cincinnati, Ohio
6. Environmental Monitoring Systems Laboratory, Cincinnati, Ohio
7. Environmental Monitoring Systems Laboratory, Las Vegas, Nevada
8. Robert S. Kerr Environmental Research Laboratory, Ada, Oklahoma
9. Environmental Research Laboratory, Athens, Georgia
10. Environmental Research Laboratory, Gulf Breeze, Florida
11. Environmental Research Laboratory, Duluth, Minnesota
12. Environmental Research Laboratory, Corvallis, Oregon
13. Environmental Research Laboratory, Narragansett, Rhode Island



# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

**N**ASA's mission in aeronautics and space, its unique facilities, and specialized workforce provide educators and students a national resource for enhancing and expanding scientific and technological competence. The Agency's commitment to promoting excellence in America's education system is carried out through the integrated application of science, mathematics, and technology that is inherent in NASA's research capabilities, scientific discoveries, advanced technologies, and future explorations.

Daniel S. Goldin, Administrator  
National Aeronautics and Space  
Administration

## MISSION

As the agency responsible for the Nation's civilian aerospace program, the National Aeronautics and Space Administration (NASA) plays a major role in fostering technological and scientific advances. In addition to building and operating the world's most advanced aircraft and spacecraft, NASA conducts a coordinated program of basic and applied research in virtually all areas of natural science and engineering. With the academic researchers and industry that support the agency's effort, NASA helps build the Nation's scientific and technological base.

## BACKGROUND

On October 1, 1958, the U.S. Congress created the National Aeronautics and Space Administration through the Space Act. The legislation combined certain military space research programs with the existing National Advisory Committee for Aeronautics to create a unique civilian agency for aeronautical and space activities.

Current major areas of activity include human spaceflight, space operations, aeronautics and space technology development, space science,

life science, and Earth science and applications. Nine Field Centers located across the country provide NASA with the expertise to conduct research in all facets of aeronautics and space.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

To maintain a leadership role in the 21st century, NASA and other Federal agencies must contribute to systemic reform of American education. NASA's education vision is to promote excellence in America's school systems by enhancing and expanding scientific and technological competence. Fulfillment of this vision will ensure a sufficient talent pool to preserve NASA and U.S. leadership in aeronautics and Earth and space science and technology into the next century. NASA uses its inspiring mission, unique facilities, and specialized workforce to conduct science, mathematics, and technology education programs and activities.

### Elementary and Secondary

To nurture early enthusiasm for science, mathematics, and technology, NASA has developed a broad range of programs and services for students at the elementary and middle school levels. These programs are specifically designed to use space and aeronautics as the vehicle to inspire students' interest in science, mathematics, and technology. Once interest has been captured, it is imperative to follow through at the secondary level with both formal and informal education experiences. NASA provides programs for precollege teachers that have been specifically designed to enhance their knowledge, skills, and experience. Additionally, in a continuing effort to address groups that have not been adequately represented in the science and engineering workforce, NASA offers educational programs that are specifically tailored for under-represented minority students at the middle school and high school levels, as well as for minority teachers and faculty members.



## **Higher Education**

NASA's higher education programs target faculty, graduate and undergraduate students, colleges and universities, and other organizations with an interest in aeronautics and space science research, education, and related public service. NASA's programs at the collegiate level feature active participation in NASA research, undergraduate and graduate student financial support, and faculty preparation and enhancement activities.

## **Public Understanding of Science**

NASA Visitor Centers offer the public a unique chance to see first-hand the past, present, and future of U.S. aerospace research. The Centers display hundreds of artifacts, scale models, and pieces of actual space equipment. Many of the Centers also offer special films, programs, and attractions that highlight the achievements of the past 30 years or future explorations.

## **HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED**

NASA's national education programs are carried out through NASA Headquarters and the nine NASA Field Centers. The Headquarters Education Division of the Office of Human Resources and Education has five branches: Elementary and Secondary, Higher Education, Technology and Evaluation, Educational Publications, and Administrative Management. The Education Division oversees education programs and activities at a national level, while the nine Field Centers administer segments of the national programs, as well as additional regional and local programs. To find the Field Center serving your State, see the State Highlights section of this publication.

## **ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION**

### **Elementary and Secondary Branch**

NASA's Elementary and Secondary Branch Office oversees a broad range of programs and services for educators and students at the elementary and secondary levels.

Elementary and Secondary Branch  
Education Division, Code FEE  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1518

### **Higher Education Branch**

NASA's Higher Education Branch Office oversees higher education programs and services created for faculty, graduate and undergraduate students, and colleges and universities.

Higher Education Branch  
Education Division, Code FEH  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1531

### **Technology and Evaluation Branch**

NASA's Technology and Evaluation Branch Office evaluates advanced information and communications technologies and develops related programs, products, and services.

Technology and Evaluation Branch  
Education Division, Code FET  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1540

### **Educational Publications Branch**

NASA's Educational Publications Branch Office publishes and disseminates educational products in print and electronic format.

Education Publication Branch  
Education Division, Code FEP  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1535

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

*(Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming)*

Garth A. Hull, Chief  
Educational Programs Branch  
**NASA Ames Research Center**  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

*(Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont)*

Elva Bailey, Chief  
Educational Programs  
Public Affairs Office (130)  
**NASA Goddard Space Flight Center**  
Greenbelt, MD 20771  
(301) 286-7207

*(Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, and Texas)*

Dr. Robert W. Fitzmaurice  
Center Education Program Officer  
Public Affairs Office (AP-4)  
**NASA Johnson Space Center**  
Houston, TX 77058  
(713) 483-1257

*(Florida, Georgia, Puerto Rico, and Virgin Islands)*

Steve Dutczak, Chief  
Education Services Branch  
**NASA Kennedy Space Center**  
Mail Code PA-ESB  
Kennedy Space Center, FL 32899  
(407) 867-4444

*(Kentucky, North Carolina, South Carolina, Virginia, and West Virginia)*

Roger Hathaway  
Center Education Program Officer  
**NASA Langley Research Center**  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3312

*(Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin)*

Dr. Lynn Bondurant, Chief  
Office of Educational Programs  
**NASA Lewis Research Center**  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135  
(216) 433-5583

*(Alabama, Arkansas, Iowa, Louisiana, Missouri, and Tennessee)*

Jim R. Pruitt, Chief  
Education Services Branch  
Public Affairs Office (CA 21)  
**NASA Marshall Space Flight Center**  
Marshall Space Flight Center, AL 35812  
(205) 544-0213

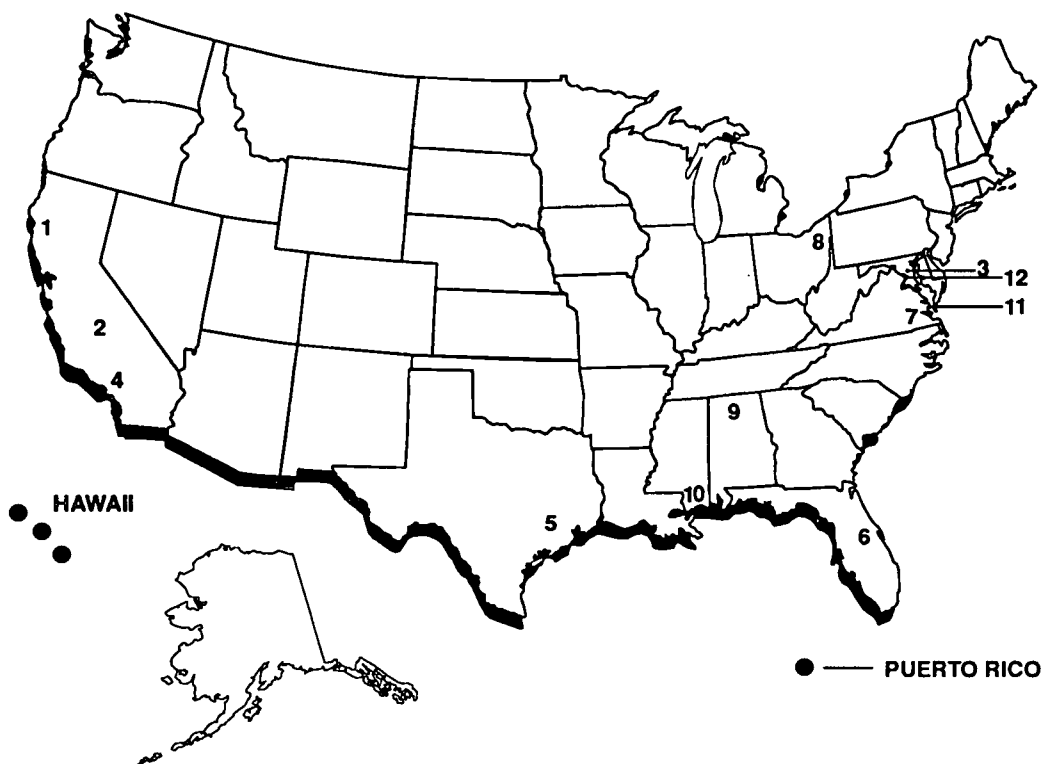
*(Mississippi)*

Dr. David Powe, Manager Educational Programs  
**NASA John C. Stennis Space Center**  
Mail Stop HA00  
Stennis Space Center, MS 39529  
(601) 688-1107

*(Serves inquiries related to space and planetary exploration and other JPL activities.)*

Richard Alvidrez, Manager  
Public Education Office  
**Jet Propulsion Laboratory**  
4800 Oak Grove Drive, Mail Code 180-205  
Pasadena, CA 91109  
(818) 354-8592

# NASA HEADQUARTERS AND FIELD CENTERS



1. **Ames Research Center, Moffett Field, California**, contributes to the U.S. space program in the areas of space science, life sciences, and space technology.
2. **Ames-Dryden Flight Research Facility, Edwards Air Force Base, California**, is the Nation's premier aeronautical flight test facility and the landing site for many Space Shuttle missions.
3. **Goddard Space Flight Center, Greenbelt, Maryland**, is a unique national facility where hundreds of scientists, engineers, and technicians work together to design, develop, fabricate, test, launch, and track spacecraft; operate flight projects; and analyze data.
4. **Jet Propulsion Laboratory, Pasadena, California**, has as its primary focus the scientific study of the solar system and the exploration of the planets with automated spacecraft.
5. **Lyndon B. Johnson Space Center, Houston, Texas**, is the focal point for NASA's manned space flight program. Johnson has been "Mission Control" for all manned space flights since *Gemini 4* in 1965.
6. **John F. Kennedy Space Center, Cape Canaveral, Florida**, is the primary launch site for manned and unmanned space vehicles. Situated on a national wildlife refuge, it is the NASA Field Center where rockets and their payloads are inspected, prepared, and launched.
7. **Langley Research Center, Hampton, Virginia**, focuses primarily on aeronautical research. The Center currently devotes two-thirds of its programs to aeronautics and the remainder to space research.
8. **Lewis Research Center, Cleveland, Ohio**, conducts a varied program of research in aeronautics and space technology. Aeronautics research at Lewis includes work on advanced materials and structures for aircraft. Space-related research focuses primarily on power and propulsion.
9. **George C. Marshall Space Flight Center, Huntsville, Alabama**, is the primary propulsion system center for NASA. Its rockets sent the first Americans into space, landed men on the moon, launched Skylab, and lifted the Space Shuttle into orbit.
10. **John C. Stennis Space Center, Mississippi**, is NASA's prime test facility for large liquid propellant rocket engines and propulsion systems. Stennis is also responsible for research programs in environmental sciences and remote sensing of Earth's resources.
11. **Wallops Flight Facility, Virginia**, is a special facility for suborbital research, operated by Goddard Space Flight Center.
12. **NASA Headquarters, Washington, D.C.**, oversees agency programs.



# NATIONAL SCIENCE FOUNDATION

**E**ducation in science and mathematics involves a chain of links from preschool through K-12, to undergraduate and graduate study, and a parallel chain of informal learning experiences. All the links must be strong. Education must stimulate the interests of all students, indeed of all citizens, so as to ensure that the nation will have the scientists and engineers it needs in the years ahead and the scientifically literate citizenry that our democracy will require as we enter the 21st Century. In its education programming, the Foundation reaches out to all—not just to those who may become the scientists and engineers of tomorrow.

Luther S. Williams  
Directorate for Education and  
Human Resources,  
National Science Foundation

## MISSION

The National Science Foundation (NSF) was established to promote and advance scientific progress in the United States. The Foundation has a legislative mandate to initiate and support basic science and engineering research, with the dual objective of strengthening research potential and education programs at all levels. While the Foundation itself does not conduct such research, it sponsors research and education in science and engineering.

## BACKGROUND

The National Science Foundation is an independent Federal agency, established in 1950. Policy-making authority within the agency is vested in the National Science Board, which is composed of scientists, educators, and public affairs experts. Its 25 members are appointed by the President with the consent of Congress.

NSF provides funding for research and education in the sciences and engineering. However, the Foundation does not support clinical research. Most proposals are initiated by educational institutions and other organizations rather than from

individuals. Although NSF does not conduct research, more than one-half of its professional staff are scientists and engineers—60 percent on temporary assignment as visiting scientists and Inter-Program Assignees. These individuals oversee the disbursement of funds through seven directorates within the Foundation: Biological Sciences; Computer and Information Science and Engineering; Education and Human Resources; Engineering; Geosciences; Mathematical and Physical Sciences; and Social, Behavioral, and Economic Sciences.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

The National Science Foundation Act of 1950 authorizes and directs the Foundation to initiate and support education programs in virtually all fields of science and engineering, at all educational levels. Each year, NSF submits to Congress an updated 5-year strategic plan for science and engineering education. The plan simultaneously addresses short-term objectives that benefit the students currently in the pipeline and long-term goals that result in fundamental changes to the basic delivery of education.

### Elementary and Secondary

NSF places a major emphasis on precollege science and mathematics education, with the objectives of attracting and sustaining the interest of students in these fields, as well as improving the quality of instruction for all students. The Foundation is actively involved in the support of national reform efforts in science and mathematics curricula that emphasize comprehensive, integrated approaches to teaching and learning. NSF's highest priority in terms of funding currently is the enhancement of teacher's content and pedagogical knowledge in science, mathematics, and technology, especially those teachers at the elementary level.

## **Higher Education**

NSF provides leadership and leveraged project support for the Nation's higher educational system of technical colleges, 2- and 4-year colleges, and comprehensive and research universities. NSF programs seek to engage all undergraduate students in the learning of science and mathematics—those who will be engineers and scientists or skilled technicians in our workforce; teachers of science and mathematics in our schools; leaders of business, the professions, and government; and, in every case, citizens in an increasingly technology-based society.

At the graduate level and beyond, the Foundation's activities concentrate principally in two directions: (1) support for outstanding graduate students to ensure a steady flow of high-ability students through the education and research training systems, and (2) support for postdoctorals and young faculty to attract beginning professionals to academic careers and provide them with critical study and research opportunities in their formative years.

## **Public Understanding of Science**

The Foundation supports projects that provide rich and stimulating environments outside of school, where individuals of all ages, interests, and backgrounds can increase their appreciation and understanding of science and mathematics and their applications.

## **HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED**

The Directorate for Education and Human Resources is the primary unit for education programs within NSF, and is funded by Congress through separate appropriation. All NSF research-related directorate units, however, actively participate in the educational activities that are coordinated through the Directorate.

## **ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION**

### **Directorate for Education and Human Resources**

The Directorate for Education and Human Resources coordinates all education programs within the National Science Foundation.

Luther S. Williams, Director  
Directorate for Education and  
Human Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1600

## **Division of Elementary, Secondary, and Informal Education**

The Division of Elementary, Secondary, and Informal Education improves the educational experiences of all students in school settings, prekindergarten through the 12th grade, and increases the opportunities of all individuals to explore science, mathematics, and technology beyond the school setting.

Margaret B. Cozzens, Division Director  
Division of Elementary, Secondary, and  
Informal Education  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1620

## **Division of Graduate Education and Research Development**

The Division of Graduate Education and Research Development promotes the early career development of scientists and engineers by providing for fellowships and traineeships, and by helping to advance the careers of young faculty in science and engineering.

Terence L. Porter, Division Director  
Division of Graduate Research and  
Research Development  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1630

## **Division of Human Resource Development**

The Division of Human Resource Development (HRD) at NSF works to broaden the participation of persons from underrepresented groups in science, engineering, and mathematics. HRD programs focus on making comprehensive and systemic changes in the education and research training of minorities, women, and persons with disabilities from precollege to graduate education.



Roosevelt Calbert, Division Director  
Division of Human Resource Development  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1640

#### **Division of Research, Evaluation, and Dissemination**

The Division of Research, Evaluation, and Dissemination supports research, statistical studies, and evaluations of science, mathematics, engineering, and technology education in the United States. In addition, the division prepares a biennial indicators report on all levels of science and mathematics education; supports dissemination of educational research results; funds projects in advanced educational technology, teaching, and learning; and provides analytical and policy support in these critical areas.

Daryl E. Chubin, Division Director  
Division of Research, Evaluation, and  
Dissemination  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1650

#### **Division of Undergraduate Education**

The Division of Undergraduate Education serves as the focal point for the National Science Foundation's agency-wide effort in undergraduate education. The programs in this division support course and curriculum development, instrumentation and laboratory improvement, undergraduate faculty enhancement, undergraduate preparation of future elementary and secondary science and mathematics teachers, and advanced technological education for the technical workforce.

Robert F. Watson, Division Director  
Division of Undergraduate Education  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1670

#### **Office of Systemic Reform**

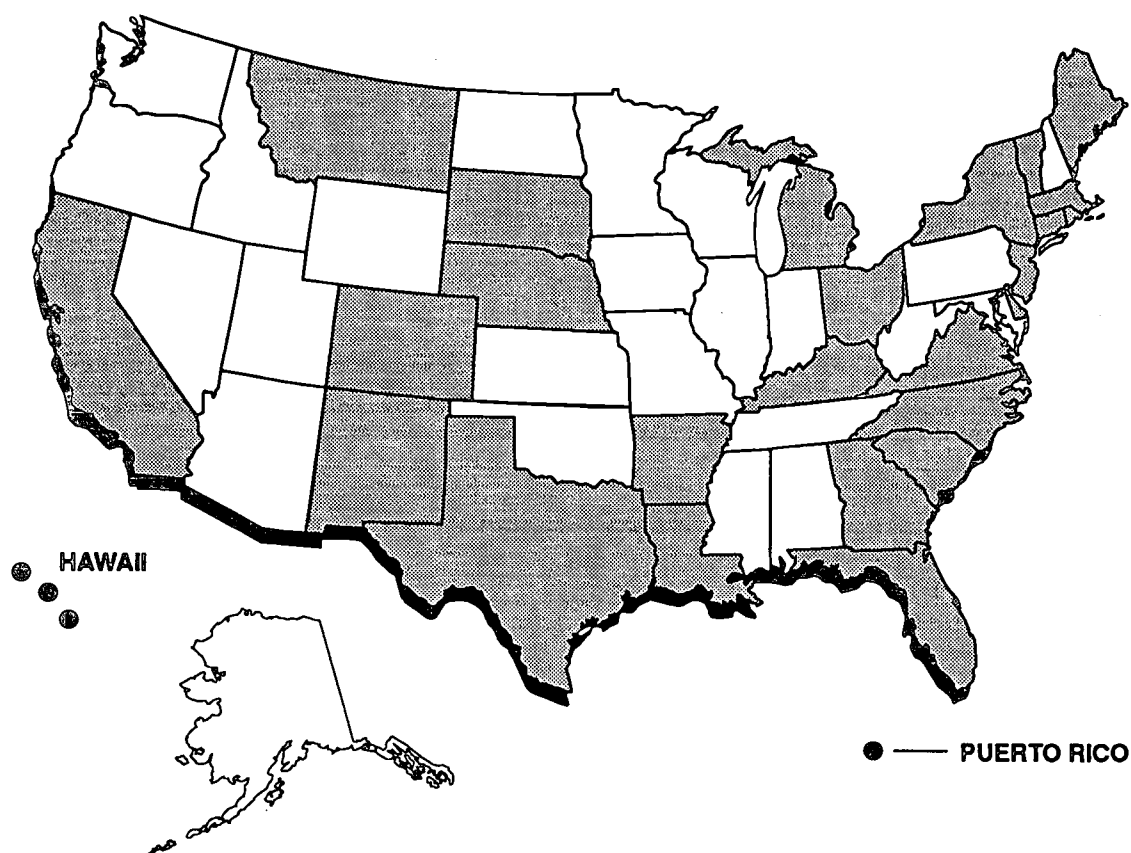
The Office of Systemic Reform coordinates efforts to improve mathematics and science education and academic research competitiveness in selected States, cities, and rural areas.

Joseph G. Danek, Office Director  
Office of Systemic Reform  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1690

# NATIONAL SCIENCE FOUNDATION

## STATEWIDE SYSTEMIC INITIATIVES

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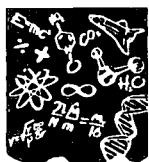
The National Science Foundation established the Statewide Systemic Initiatives (SSI) Program to encourage improvement in mathematics, science, engineering, and technology education through comprehensive systemic changes in State education systems. Currently, 26 States, highlighted above, have been awarded competitive grants from this program. For more information about individual State initiatives, see the State Highlights section of this publication.

### State Systemic Initiatives grant recipients:

Arkansas  
California  
Colorado  
Connecticut  
Delaware  
Florida  
Georgia  
Kentucky  
Louisiana

Maine  
Massachusetts  
Michigan  
Montana  
Nebraska  
New Jersey  
New Mexico  
New York  
North Carolina

Ohio  
Puerto Rico  
Rhode Island  
South Carolina  
South Dakota  
Texas  
Vermont  
Virginia



# SMITHSONIAN INSTITUTION

**W**e hear a lot these days about literacy, but we should recognize that it is a moving target. Cultural literacy without a significant and growing component of scientific and technological literacy is, for our era, as unimaginable as our civilization is without its scientific and technological aspirations and underpinnings.

Robert McC. Adams  
Secretary of the Smithsonian

## MISSION

The Smithsonian Institution is a trust instrumentality of the Federal Government, established to increase and diffuse knowledge. While the Institution receives Federal support for its operation, it has no government or regulatory functions and serves, in effect, as an independent agency.

## BACKGROUND

The Smithsonian Institution was founded in 1846. Although it is best known for its 13 museums and the National Zoo, the Smithsonian is also one of the country's premier research facilities. In addition to its federally funded programs, the Institution has many privately funded activities.

## ROLE IN MATHEMATICS AND SCIENCE EDUCATION

As part of its mandate to increase and diffuse knowledge, the Smithsonian Institution considers science education to be one of its most important missions.

### Elementary and Secondary Education

In recent years, the Institution has focused on assisting school systems in addressing the national crisis in science and mathematics education. Three areas receiving particular attention, both in the museums and in other Smithsonian bureaus, have been professional education for teachers, curriculum materials for schools, and programs to effect attitudinal changes about science.

## Higher Education

Through internships and fellowships the Institution provides individualized training in science for undergraduate and graduate students. Smithsonian programs for those individuals studying astrophysics and biology are especially outstanding.

## Public Understanding of Science

Through educational outreach programs, the Smithsonian Institution can improve science literacy among the general public. The museums inform and educate visitors through special exhibits, onsite demonstrations, and publications.

## HOW MATHEMATICS AND SCIENCE EDUCATION PROGRAMS ARE ADMINISTERED

Each administrative division within the Smithsonian is responsible for its own education programs, and each museum has an education office that reports to the museum director. The Institution's Office of Elementary and Secondary Education is the central office for precollege education.

## ADMINISTRATIVE OFFICES FOR MATHEMATICS AND SCIENCE EDUCATION

### Office of Elementary and Secondary Education

The Office of Elementary and Secondary Education serves as the focal point for formulating pan-Institutional policies and goals for education. The Office draws on resources from across the Institution to create materials and programs designed to meet the needs of teachers and students in schools in the Washington, D.C., area and nationwide. The Office also serves as an information clearinghouse for Smithsonian educational materials and programs.

Ann I. Bay, Director  
Elementary and Secondary Education  
Smithsonian Institution  
Arts and Industry Building, Room 1163  
Washington, DC 20560  
(202) 357-2425/Fax: (202) 357-2116

### **Harvard-Smithsonian Center for Astrophysics**

The Smithsonian Astrophysical Observatory coordinates its varied scientific programs with the Harvard College Observatory, and together the two observatories form the Harvard-Smithsonian Center for Astrophysics in Cambridge, Massachusetts. The Science Education Department at the Center currently manages eight projects, all funded by the National Science Foundation, with additional support from the Smithsonian Institution. These projects address the needs of teachers and students in elementary, secondary, and college science education through advanced technology, curricula and materials, teacher enhancement, and teacher networks.

Hal Coyle, Science Education Department  
Harvard-Smithsonian Center for Astrophysics  
60 Garden Street, MS71  
Cambridge, MA 02138  
(617) 495-8798/Fax: (617) 496-5405

### **National Air and Space Museum**

The National Air and Space Museum serves as a major educational center, which the public can easily access to learn about the history and development of aeronautics; Earth and planetary sciences; astronomy; astrophysics; and related areas of the arts, humanities, and sciences. Particular emphasis is given to the social implications of the museum's collections and research on the quality of life for humankind.

Jacqueline Grazette, Assistant Director  
Educational Services Department, MRC 305  
National Air and Space Museum  
Washington, DC 20560  
(202) 786-2524/Fax: (202) 786-2262

### **National Museum of Natural History/ Museum of Man**

The National Museum of Natural History/Museum of Man houses the world's largest and most valuable assemblage of natural history specimens and human artifacts. It is the largest research organization in the Smithsonian, and at the college level the museum has a large internship program.

Through its many exhibits, educational programs and scholarly and popular publications, the Museum disseminates knowledge about the world's natural and cultural diversities.

Laura McKie, Assistant Director for Education  
National Museum of Natural History  
10th Street and Constitution Avenue NW.,  
MRC 158  
Washington, DC 20560  
(202) 357-2066/Fax: (202) 786-2778

### **National Science Resources Center**

Operated jointly by the Smithsonian Institution and the National Academy of Sciences, the National Science Resources Center's mission is to improve the teaching of science in the Nation's schools. The Center's work is in three principal program areas: national outreach to build consensus, dissemination of information, and development of innovative science curriculum materials.

National Science Resources Center  
Smithsonian Institution  
Washington, DC 20560  
(202) 357-2555/Fax: (202) 786-2028

### **National Zoological Park**

The National Zoological Park maintains a living collection at the Zoo and a major conservation, animal breeding, and research facility in Virginia. Through programs in education, research, conservation, and animal health, the Park promotes understanding of animal adaptations and evolution, and the interaction of wildlife with the environment and human culture. Through a series of new exhibits, programs, and graphics, the Zoo is transforming the Park into a biological park to educate the public about life in all of its forms and all its connections.

David Jenkins, Associate Director for  
Interpretive Programs  
National Zoo/Education Department  
Connecticut Avenue NW.  
Washington, DC 20008  
(202) 673-4919/Fax: (202) 673-4607

### **Smithsonian Environmental Research Center**

The Smithsonian Environmental Research Center conducts long-term scientific research on estuarine land and water ecosystems found in the Chesapeake Bay watershed. The Center disseminates the results of its research through scientific journals, national and international meetings and

seminars, the training of scientists, and public education activities for adults, families, and students (K–12).

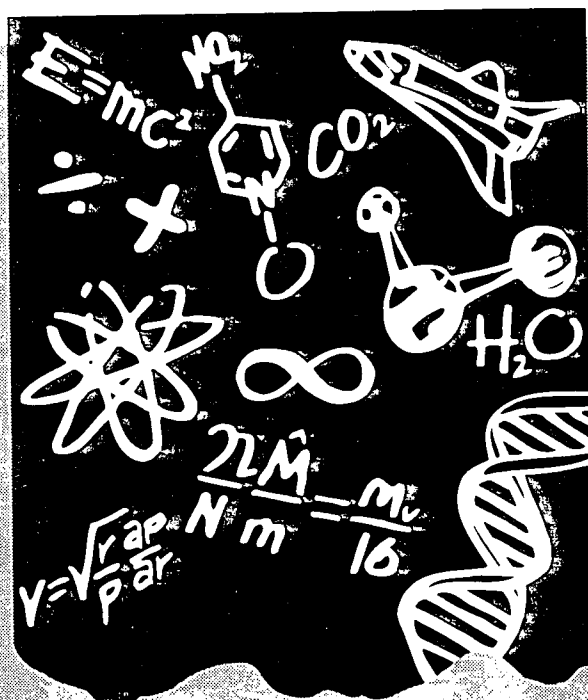
A. Mark Haddon, Education Director  
Smithsonian Environmental Research Center  
P.O. Box 28  
Edgewater, MD 21037  
(301) 261–4190/Fax: (301) 261–7954

### **Smithsonian Tropical Research Institute**

The Smithsonian Tropical Research Institute conducts basic research on the ecology, behavior, and evolution of tropical organisms. Headquartered in Panama, the Institute carries out research throughout the tropics and is the custodian of the Barro Colorado Nature Monument, a 12,000-acre tropical nature preserve located along the Panama Canal. Other facilities include a cloud-forest station, a research vessel, marine laboratories on the Atlantic and Pacific oceans, and a research library.

Georgina DeAlba  
Smithsonian Tropical Research Institute  
P.O. Box 2072  
Balboa, Republic of Panama  
011–507–27–4918/Fax: 011–507–32–5978





SECTION TWO

**NATIONAL PROGRAMS  
FOR ELEMENTARY  
AND SECONDARY  
EDUCATION**

## U.S. DEPARTMENT OF AGRICULTURE (USDA)

### 4-H Youth Development

The 4-H Youth Development Programs under the Cooperative Extension Service offer opportunities for sparking interest in mathematics and science among American youth, and complement classroom education with informal, experiential education in community settings. Approximately 6 million youth, ages 5–18, participate in school enrichment, clubs, and special events. The 4-H organization receives substantial support from volunteers and private-sector contributors. The State Highlights section of this publication provides information on 4-H State activities.

National Program Leader  
Room 3860, South Building  
USDA Extension Service  
Washington, DC 20250-0900  
(202) 720-5516/Fax: (202) 720-9366

### 4-H Centers for Action In Science and Technology

The 4-H Centers for Action in Science and Technology create a stronger network of land-grant colleges and universities that provide technical assistance to the federally funded youth-at-risk sites. The two national centers, located in Michigan and California, provide trainers with the information and skills necessary to return to their local communities and train others to implement science and technology curricula and processes. In addition, trainers learn how to recruit participants, promote programs, and establish advisory and planning groups.

4-H Specialist  
Agriculture and Natural Resources  
University of California at Davis  
Davis, CA 95616  
(916) 752-8824

Director  
Center for Action and Science/Technology  
6H Berkey Hall  
Michigan State University  
East Lansing, MI 48824-1117  
(517) 355-0180

### 4-H/Honda Mentorship Project

The 4-H/Honda Mentorship Project provides an opportunity for teams of teenagers to work with adult mentors in hands-on problemsolving experiences in engineering at Honda's technical training sites across the country. The curriculum includes working as a team and managing time and resources to solve science-related problems.

Director, National 4-H Council  
7100 Connecticut Avenue NW.  
Chevy Chase, MD 20815  
(301) 961-2853

### 4-H Missions In Space

The 4-H Missions in Space Program, a partnership between National 4-H and the Alabama Space Science Exhibit Commission, encourages 4-H youth to attend the Space and Rocket Center in Alabama and the Astronaut Hall of Fame in Florida. Space Camp allows students to participate in a variety of science and technology activities. Scholarships are available to assist underrepresented youth.

Extension 4-H Specialist, ACES-4-H  
211 Duncan Hall  
Auburn University, AL 36849-5620  
(205) 844-2233

### 4-H Regional Leadership Centers

Designed to complement the Centers for Action in Science and Technology, Regional Leadership Centers train community-based teams in science education and are responsible for keeping these teams up-to-date on new science and technology programs. Regional Centers are currently operating in California, Georgia, Missouri, and New York.

4-H Specialist  
Agriculture and Natural Resources  
University of California at Davis  
Davis, CA 95616  
(916) 752-8824

Director  
Center for Action and Science/Technology  
6H Berkey Hall  
Michigan State University  
East Lansing, MI 48824-1117  
(517) 355-0180

#### **4-H Science Experience and Resources for Education Settings (SERIES)**

The national 4-H SERIES Program increases both the quantity and quality of science experiences available to students in a way that promotes a greater understanding of science. SERIES trains teenagers as science coaches for youth ages 9–12. Teens also work under the mentorship of practicing scientists and explore possible career opportunities in science and technical fields and participate in community service. Training for SERIES is conducted through the four Regional Leadership Centers.

Project Director, 4-H SERIES  
Division of Agriculture and Natural Resources  
University of California at Davis  
300 Lakeside Drive  
Davis, CA 95616  
(916) 752-8824

#### **Ag in the Classroom**

The Ag in the Classroom Program helps students gain a greater understanding of agriculture's role in the economy and society, and informs students about career opportunities in the food and agricultural sciences. While the Department of Agriculture provides national leadership, each State develops its own programs in cooperation with agribusiness, education, and government. Information about State programs is available through the Washington, D.C., office. The State Highlights section of this publication lists State leaders for this program.

Director, Ag in the Classroom  
U.S. Department of Agriculture  
Room 317-A, Administration Building  
Washington, DC 20250-0991  
(202) 720-5727/Fax: (202) 720-1767

#### **Black Emphasis Program**

The Black Emphasis Program develops academies that focus on African-American males at the middle school level. The academies provide students with early science experiences, mentors, and role models to enhance self-confidence and to develop an interest and desire to achieve in science-related fields. Academies are funded through two Historically Black Colleges and Universities.

Black Emphasis Program Manager  
U.S. Department of Agriculture  
1322 South Building  
Washington, DC 20250-1322  
(202) 720-2019/Fax: (202) 690-2345

#### **Infusing Aquaculture Into Agriculture Education**

Through congressional appropriations in 1990–1993, USDA initiated a pilot program, Infusing Aquaculture Into Agriculture Education, to develop materials, conduct field tests, and provide training in aquaculture for selected teachers across the country. The 1,100-page, 5-volume curriculum is proving valuable in teaching high school students the principles of science and mathematics related to aquatic organisms. The program is being adapted by some schools for middle and elementary students.

Grants Program Manager  
Office of Higher Education Programs  
Cooperative State Research Service  
U.S. Department of Agriculture  
Aerospace Building, Room 310-E  
901 D Street SW.  
Washington, DC 20250-2251

#### **Research Apprenticeship Program**

The Research Apprenticeship Program provides summer employment in university and Federal research laboratories for high school students having strong mathematics and science aptitude. One-fourth of the students receive Federal support; the remainder are supported by State and private funds leveraged by the Federal partner. Many research apprentices are females or minorities. Participants interact directly with scientists at USDA laboratories and gain valuable experience in agricultural science.

Special Programs Manager  
U.S. Department of Agriculture  
Agricultural Research Service  
Administration Building, Room 337-A  
14th Street and Independence Avenue SW.  
Washington, DC 20250-0300  
(202) 720-6161/Fax: (202) 690-0109

#### **Research Apprenticeship Program for Minority High School Students**

The Research Apprenticeship Program for Minority High School Students provides not only

summer employment for minority high school students having strong scientific aptitude, but also the opportunity to interact with research scientists and gain first-hand experience in a research environment at selected university laboratories.

Coordinator, 1890 Programs  
Cooperative State Research Service  
U.S. Department of Agriculture  
AG Box 2210, Suite 329-C, Aerospace Center  
Washington, DC 20250-2210  
(202) 401-5620/Fax: (202) 401-1706

#### **SPACES: Preparing Kids for a High Tech and Global Future**

SPACES is an informal hands-on community-based science education program that prepares students for a global and high-tech society. This programming framework shows how to set up a science education program for children ages 5-14, and involves community scientists, technicians, and others with science and technology expertise. The program focuses on aerospace, the environment, and relationships with oneself and others. Extensive curriculum support is available.

Michigan 4-H Youth Programs  
Michigan State University  
6H Berkey Hall  
East Lansing, MI 48824-1111  
(517) 355-0180

#### **Teachers' Research Fellowship Program**

The Teachers' Research Fellowship Program offers temporary employment to mathematics, biology, or physical science teachers at the junior or senior high school level. Teachers work under an Agricultural Research Service scientist on specific research problems tailored for completion within a given time period. The program provides teachers with first-hand agricultural and food-related research experience that can be transferred to students in the classroom.

Special Programs Manager  
Agricultural Research Service  
U.S. Department of Agriculture  
14th Street and Independence Avenue SW.  
Administration Building, Room 335-A  
Washington, DC 20250-0300  
(202) 720-6161/Fax: (202) 690-0109

#### **Youth Conservation Corps**

The Youth Conservation Corps is a summer employment program offered by the Departments of Agriculture and the Interior. Students, ages 15-18, work on projects to further the development and conservation of U.S. natural resources. Work projects are planned, directed, and executed so as to give the enrollees an understanding of their tasks and how their work contributes to environmental enhancement.

Director, Human Resources Programs  
U.S. Forest Service  
U.S. Department of Agriculture  
P.O. Box 96090  
Washington, DC 22209  
(703) 235-8834

#### **Youth Enrichment Program**

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the mid-Atlantic region who are interested in attending college and pursuing science careers.

Special Programs Manager  
Agricultural Research Service  
U.S. Department of Agriculture  
14th Street and Independence Avenue SW.  
Administration Building, Room 335-A  
Washington, DC 20250  
(202) 720-6161/Fax: (202) 690-0109

## **U.S. DEPARTMENT OF DEFENSE (DOD)**

#### **Junior Science and Humanities Symposia (JSHS) Program**

The Junior Science and Humanities Symposia Program promotes scientific research and experimentation in secondary schools and recognizes students for their original research achievements. Forty-seven regional symposia are held during each academic year on university campuses across the Nation, at which participating secondary students and teachers may interact with distinguished scientists and humanists on current research topics and may subsequently observe



research in progress through tours of research laboratories. University scholarships and other donated awards are available to students who submit and orally present original research projects to each regional symposium. The U.S. Army awards regional winners with an expense-paid trip to the annual national symposia, where it also awards a grant to the teacher and school of the national winner. Nomination and application packages are available by request from the Academy of Applied Science.

Junior Science and Humanities Symposia  
National Office  
Academy of Applied Science  
98 Washington Street  
Concord, NH 03301  
(603) 228-4520

### **National Science Center**

The National Science Center, with its multifaceted programs, is designed to increase interest in science and mathematics among students, improve the skills of teachers, and provide scientific curriculum materials to the classroom. The Center holds summer workshops for both students and teachers in electronics and electrical engineering. One major element of the National Science Center is the Discovery Center, which is devoted to communications and electronics technology. A mobile version of the Discovery Center is available upon request. In addition, the National Science Center participates in the Science-By-Mail Program, and also offers satellite teleconference capabilities to educators.

National Science Center  
Attention: ATZH-NSC-D  
Building 25722  
Fort Gordon, GA 30905-5689  
(706) 791-7621

### **Naval Science Awards Program**

The Navy and Marine Corps participate each year in regional, district, and State science and engineering fairs that exhibit various projects submitted by high school students. Prizes and certificates of achievement are awarded to students whose projects are exemplary. Recipients of a U.S. Navy/Marine Corps Distinguished Achievement Award are then eligible to participate in the Naval National Science Awards Program Competition held

in May of each year. Winners of this competition are awarded scholarships and science-oriented trips. This program has no application process as students need only participate in a U.S. Navy and Marine Corps-sponsored science and engineering fair. The Navy and Marine Corps also participate in the annual International Science and Engineering Fair, awarding scholarships in each of the scientific disciplines.

Project Officer  
Naval Science Awards Program  
Office of Naval Research  
Code 03SP  
800 North Quincy Street  
Arlington, VA 22217-5660  
(703) 696-5787  
(800) 422-6727

### **Navy Personal Excellence Partnership Program**

The Navy Personal Excellence Partnership Program is designed to foster collaborative partnerships between Navy and other public- and private-sector organizations nationwide to assist schools and youth-related groups in strengthening education. Individual Navy commands currently participate in several hundred volunteer-oriented partnerships in numerous communities nationwide. These partnerships usually include adopt-a-school programs, Saturday Scholars, and the Math/Science Initiative. Saturday Scholars is a volunteer tutoring program for students while the Math/Science Initiative allows highly trained Navy personnel the opportunity to interact with students. (See the State Highlights section for information about individual facilities implementing this program.)

Director  
Personal Excellence Partnership Program  
Naval Military Personnel Command (NMPC-60)  
Washington, DC 20370-5000  
(202) 614-1290

### **Research and Engineering Apprenticeship Program (REAP)**

The Research and Engineering Apprenticeship Program provides minority and economically disadvantaged high school students with a cooperative education experience designed to introduce rewarding career opportunities in science and



mathematics. During the apprenticeship, students are involved in hands-on experiences in research and development while working with university mentors who provide daily guidance.

Center for Education and Development  
Academy of Applied Science  
98 Washington Street  
Concord, NH 03301  
(603) 228-4530

#### **Undergraduate Training Program**

This program, developed particularly for minority high school students, provides full tuition to any university or college for outstanding students who plan to major in electrical or computer engineering, mathematics, or selected languages. Recipients are guaranteed summer employment during school and permanent employment within the National Security Agency upon graduation. Program participants are required to work for the National Security Agency after graduation for at least one and a half times their length of study.

National Security Agency  
Undergraduate Training Program  
Attention: M3222 (UTP)  
Fort Meade, MD 20755-6000  
(410) 859-4590

#### **U.S. Army Summer Associateship for High School Science and Mathematics Faculty Program**

Through this program sponsored by the Department of the Army through the U.S. Army Research Office, a limited number of outstanding high school teachers are exposed to research at Army laboratories and centers located across the country. Associateships are awarded for periods of up to 10 weeks.

Battelle-HSSMF  
P.O. Box 12297, 200 Park Drive  
Research Triangle Park, NC 27709-2297  
(919) 549-8291

## **U.S. DEPARTMENT OF EDUCATION (ED)**

#### **Blue Ribbon Schools Program**

The Blue Ribbon Schools Program identifies and gives national recognition to public and private schools that are unusually effective in meeting national, State, and local goals and in educating their students. The Program honors schools that show outstanding effectiveness in leadership, organizational vitality, teaching environment, curriculum and instruction, student environment, and parent and community support. To be recognized as a national school of excellence, the school must have unusually strong programs in all areas of school life. Elementary schools and secondary schools are recognized in alternate years.

In addition, recognized schools that also have model programs in specific curriculum areas receive special honors. The 1993-94 elementary program is placing emphasis on science and mathematics. Information about Blue Ribbon Schools having outstanding mathematics and science programs will be disseminated through publications and presentations at educational meetings.

Stephen O'Brien  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208-5645  
(202) 219-2149

#### **Christa McAuliffe Fellowship Program**

The Christa McAuliffe Fellowship Program is a federally funded formula grant program to State education agencies (SEAs) to establish a national fellowship program for outstanding teachers who have 8 or more years of teaching experience. Each SEA conducts Christa McAuliffe Fellowship activities and awards fellowships to Christa McAuliffe Fellows to enable and encourage them to continue their education; to consult with or assist other school districts or private school systems; to develop special innovative programs, projects, or partnerships that involve the business

community and the schools; to develop programs that incorporate the use and sharing of technologies to help students learn; or to expand or replicate model programs of staff development. Contact the Chief State School Officer in your State for information on these fellowships.

Jimmie Lue Holmquist  
School Improvement Programs  
Office of Elementary and Secondary Education  
U.S. Department of Education  
400 Maryland Avenue SW.  
Washington, DC 20202-6140  
(202) 401-0659

### **ERIC (Educational Resources Information Center)**

ERIC is an international information network that acquires catalogs and provides access to educational literature. The ERIC system comprises 16 subject-specific Clearinghouses; a central processing and reference facility; a document reproduction service; and ACCESS ERIC, a one-stop contact point for new users of the system.

The ERIC Clearinghouse on Mathematics, Science, and Environmental Education, located at The Ohio State University, acquires, selects, and processes high-quality printed materials (such as reports, curricula and instructional materials, evaluations, and information on programs, practices, and policies) in science, mathematics, and environmental education. The Clearinghouse provides a variety of services and products to help educators, administrators, researchers, and others stay up to date on a broad range of issues. It provides reference and referral services in science and mathematics and maintains partnerships for the exchange of information with numerous other organizations. It also produces publications, bibliographies, ERIC Digests (1-2 page papers on topics of interest), syntheses, and summaries on mathematics and science topics, and compilations of promising programs and practices. To learn more about ERIC, contact ACCESS ERIC at (800) LET-ERIC.

David Haury  
ERIC Clearinghouse for Science, Mathematics,  
and Environmental Education  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1080  
(614) 292-6717

### **Eisenhower Mathematics and Science Education State Formula Grants Program**

The Eisenhower State Grants Program works to improve teacher skills and the quality of instruction in mathematics and science in the Nation's elementary and secondary schools and to increase student access to this instruction. The Program focuses on teacher enhancement through both inservice and preservice training. Funds flow through the States to local school systems by formula and to institutions of higher education by intra-State competitions. For specific information on your State, contact the Eisenhower Coordinator listed in the State Highlights section.

Doris Crudup or Clare Banwart  
Eisenhower Mathematics and Science  
Education Program Branch  
Office of Elementary and Secondary Education  
U.S. Department of Education  
400 Maryland Avenue SW.  
Washington, DC 20202-6140  
(202) 401-1336

### **Eisenhower National Clearinghouse**

The Eisenhower National Program has awarded a 5-year contract to The Ohio State University to establish the Eisenhower National Clearinghouse for Mathematics and Science Education to improve access to mathematics and science resources for the K-12 education community. The Clearinghouse will develop and maintain a comprehensive collection and catalog of K-12 curriculum materials. Databases containing the catalog of materials in various formats, text and evaluations of selected materials, and other resources for mathematics and science education will be available online and on CD-ROM.

Len Simutis  
Eisenhower National Clearinghouse  
for Mathematics and Science Education  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1079  
(614) 292-7784/Fax (614) 292-2066  
E-mail: info@enc.org

### **Eisenhower National Program for Mathematics and Science Education**

The Eisenhower National Program for Mathematics and Science Education is a discretionary grant program that funds innovative projects of national

significance to improve mathematics and science instruction and increase access of all students to that instruction. The Program currently focuses on projects that transform all parts of the education system to achieve high standards of student performance through systemic reform. The National Science Standards, the Eisenhower National Clearinghouse, and the Eisenhower Regional Consortia, which are described in this section of the publication, illustrate activities supported by the Program. The Eisenhower National Program for Mathematics and Science Education is a major component of the Department's effort to ensure that U.S. students will be first in the world in science and mathematics achievement by the year 2000.

Charles Stalford  
 Director, Eisenhower National Program for  
 Mathematics and Science Education  
 Office of Educational Research and  
 Improvement  
 555 New Jersey Avenue NW., Room 500F  
 Washington, DC 20208-5572  
 (202) 219-2126/Fax: (202) 219-2106

### **Eisenhower Regional Consortia**

The Eisenhower National Program has funded 10 Regional Mathematics and Science Education Consortia. Working closely with the Clearinghouse, the consortia will provide information and technical assistance to help States and school districts provide improved mathematics and science programs. They also will train and provide technical assistance to classroom teachers, administrators, and other educators to help them adapt and use exemplary instructional materials, teaching methods, curricula, and assessment tools. A map indicating the regions served by each consortium is found at the end of this section, or see the State Highlights section of this publication for the consortium serving your State.

John Egermeier, National Coordinator  
 Office of Educational Research and  
 Improvement  
 U.S. Department of Education  
 555 New Jersey Avenue NW.  
 Washington, DC 20208-5644  
 (202) 219-2119

### **Field-Initiated Research**

The Department of Education, through the Office of Educational Research and Improvement, funds diverse research projects proposed by individuals, institutions of higher education, public and private institutions, and agencies. In fiscal year 1993, the Field-Initiated Studies Program awarded 11 such grants, including one that will address technology in the classroom.

Delores Monroe  
 Office of Educational Research  
 and Improvement  
 U.S. Department of Education  
 555 New Jersey Avenue NW.  
 Washington, DC 20208  
 (202) 219-2223

### **Fund for Innovation in Education**

The Secretary's Fund for Innovation in Education supports programs and projects that show promise of identifying and disseminating innovative approaches at the elementary and secondary levels. Activities may be carried out directly or through grants and contracts to State education agencies; local education agencies; institutions of higher education; private schools; and other public and private agencies, organizations, and institutions. Most grant awards are made under this general authority for the Innovation in Education Program. In addition, other discretionary programs are authorized. These include Educational Technology, Computer-Based Instruction, Civic Education, and Comprehensive School Health Education. Emphasis is given to projects that design, develop, and implement innovative approaches for helping all students reach high standards of academic performance in core subjects, including mathematics and science.

Shirley Steele  
 Office of Educational Research  
 and Improvement  
 U.S. Department of Education  
 555 New Jersey Avenue NW., Room 522  
 Washington, DC 20208-5524  
 (202) 219-1496

### **Javits Gifted and Talented Students Education Program**

The Javits Gifted and Talented Students Education program funds projects that help schools identify and respond to the special education needs of

gifted and talented students, especially those who are disadvantaged or handicapped or have limited English proficiency.

Patricia O'Connell Ross  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208  
(202) 219-2187

### **National Assessment of Educational Progress (NAEP)**

NAEP has measured the educational achievement of American students for more than two decades. Its 1996 mathematics and science assessments of 4th, 8th, and 12th graders will feature several testing innovations. Students will devote more than half their time to "constructed response" questions that may include extended problem-solving. The science assessment will contain a hands-on task for all students, a study of portfolios for 4th and 8th graders, and an assessment of high-achieving 12th graders to determine how good their performance is at this level. The math assessment will measure students' estimating skills and will allow them to use calculators more often than in the past. Results from the 1992 NAEP math assessment are available from the National Center for Educational Statistics at the Office of Educational Research and Improvement.

Gary Phillips  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208  
(202) 219-1761

### **National Center for Research In Mathematical Sciences Education**

The National Center for Research in Mathematical Sciences Education is one of 20 university-based national education research and development centers supported by the Department of Education. The Center is examining the learning and teaching of whole numbers, quantities, algebra, geometry, and statistics. The Center also is examining models of authentic assessment and implementation of reform.

National Center for Research in Mathematical  
Sciences Education  
University of Wisconsin at Madison  
Wisconsin Center for Education Research  
1025 West Johnson Street  
Madison, WI 53706  
(608) 263-4285

### **National Center for Research on Teacher Learning**

The National Center for Research on Teacher Learning is one of 20 university-based national education research and development centers supported by the Department of Education. The Center focuses on how teachers learn to teach and engage students in active learning, leading to greater student understanding of subject matter. Several studies focus on science and mathematics. These include a long-term study of participants in a new NSF-funded elementary teacher preparation program at the University of Michigan, case studies of teachers learning history and English subject matter, a case study of experienced teachers meeting as a study group over 2 years to improve their teaching of mathematics, an international longitudinal study of how teachers learn to mentor novice teachers, and a multi-State study tracking teachers' responses to policies focused on reading and mathematics in California, Michigan, and South Carolina.

National Center for Research on  
Teacher Learning  
Michigan State University  
College of Education  
116 Erikson Hall  
East Lansing, MI 48824-1034  
(517) 355-9302

### **National Center for Science Teaching and Learning**

The National Center for Science Teaching and Learning, one of the 20 national education research and development centers supported by the Department of Education, is conducting research that will lead to improvements in science teaching and learning. The research is focused on noncurricular, external factors affecting science students and teachers in grades K-12. Among these factors are social and cultural factors; public expectations and societal incentives; school organization, policy, and economic/political forces; new



technologies; and integration of mathematics and science. The Center initiates, promotes, and facilitates research and ensures the dissemination of the results to all those interested in science education.

National Center for Science Teaching  
and Learning  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1015  
(614) 292-3339

#### **National Diffusion Network (NDN)**

NDN is a dissemination system that helps public and private schools, colleges, and other educational institutions improve by sharing successful educational programs, products, and processes. Many of the NDN programs in mathematics, science, and technology education received developmental funding from the National Science Foundation, while others were initially supported by State grants or university research efforts. After rigorous evaluation through the Department of Education Program Effectiveness Panel (PEP), NDN helps schools introduce the programs into their classrooms through a person-to-person dissemination system implemented by State facilitators, program developers, and certified trainers.

NDN currently disseminates 62 programs in mathematics, science, and technology education. Additional programs are added each year, and some are selected to receive Federal funds for dissemination. NDN's mathematics programs use a variety of tools—from videodiscs to computers to calculators to concrete objects—to help students increase their mathematics achievement. Program offerings include professional development for teachers incorporating manipulatives in cognitive learning settings and a host of other programs using an enlightened view of problemsolving. Science education programs for elementary schools include hands-on and constructivist approaches to science, health and technology, gardening, and zoos. Programs for middle schools include environmental and physical science projects. High school programs include a core of three physics projects.

Luna Levinson  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208-5645  
(202) 219-2134

#### **National Education Longitudinal Study of 1988 (NELS:88)**

With its National Education Longitudinal Study of 1988 (NELS:88) the National Center for Educational Statistics is following a sample of 25,000 8th graders on a 2-year cycle. Individual cohort members (including dropouts) were surveyed in 1988, 1990, and 1992, along with their parents, principals, and teachers. These same cohort members will be resurveyed in 1994, with subsequent followups planned for 1998 and 2004. To allow researchers to examine cognitive growth over time, test data in mathematics, science, reading, and social studies also were collected from cohort members during the base year, first followup and second followup surveys. Other data collected by NELS include enrollment patterns in mathematics and science courses, student attitudes toward those subjects, and instructional practices used by their mathematics and science teachers.

Jeff Owings  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208  
(202) 219-1777

#### **National Center for Research on Cultural Diversity and Second Language Learning**

The National Center for Research on Cultural Diversity and Second Language Learning is one of 20 university-based national education research and development centers supported by the Department of Education. The Center addresses the problem of the generally low levels of success in education among linguistically and culturally diverse populations, including low levels of achievement in science and mathematics and subsequent underrepresentation in these fields. The Center is working to improve mathematics learning for diverse students by exploring the use of thematic curriculum and more concrete, instructionally relevant, interactive classroom



instruction. The center is also collaborating with the Technical Education Research Center in Cambridge, Massachusetts, to enhance language-minority students' learning in science.

National Center for Research on Cultural  
Diversity and Second Language Learning  
University of California at Santa Cruz  
Kerr Hall  
Santa Cruz, CA 95064  
(408) 459-3501

### **National Science Scholars Program**

The National Science Scholars Program recognizes students' excellence and achievement in the physical, life, and computer sciences; mathematics; and engineering by providing scholarships to meritorious graduating high school students and General Education Development (GED) recipients to continue their studies at the postsecondary level. The Program provides scholarship assistance up to \$5,000 per year for undergraduate study. The amount of the award each year is dependent on available Federal funds. Students may apply to their State Department of Education.

Charles Brazil  
Division of Higher Education Incentive  
Programs  
Office of Postsecondary Education  
U.S. Department of Education  
Seventh and D Streets SW.  
Washington, DC 20202-5251  
(202) 708-4609

### **National Science Standards**

The National Research Council of the National Academy of Sciences, with a grant from the Eisenhower National Program, is developing science content standards that will specify what students should be able to learn and do in grades K-12. Teachers and other science educators, scientists, and the general public are extensively involved with the project by reviewing and refining the standards. More than 100 organizations serve as liaisons to the project. Draft content standards will be distributed in early 1994.

Separate working groups, funded by a coalition of other Federal agencies, are developing teaching and assessment standards in close cooperation with working groups that are developing the content standards. A complete set of the final

standards—content, teaching, and assessment—is scheduled for dissemination in December 1994. (The National Council of Teachers of Mathematics has already developed mathematics standards that are in use across the country.)

Dr. Angelo Collins  
Science Education Standards Project Director  
2101 Constitution Avenue NW., HA 486  
Washington, DC 20418  
(202) 334-3417

### **PATHWAYS: Support for Teacher Networking**

Various approaches to using electronic networks as a tool for teacher professional development will be supported. A national conference with teachers and other educators will be held annually. A major grants competition under the Fund for the Improvement of Education will provide support for model projects, particularly applications of high-performance computing, in support of teacher professional development. In addition, the Department will expand its electronic communications services to the general public and facilitate public access to other online educational resources.

James A. Mitchell  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208  
(202) 219-2053  
E-mail: [jmitchel@inet.ed.gov](mailto:jmitchel@inet.ed.gov)

### **Regional Educational Laboratories**

The Department of Education, through the Office of Educational Research and Improvement, funds a network of 10 regional educational laboratories, each serving a specific region of the United States, including its territories. The laboratories identify effective teaching techniques and school improvement efforts within their regions, provide technical assistance, and share information with State and local educators through newsletters, research syntheses, conferences, and the electronic media.

As part of their overall program, which is not subject-matter specific, the laboratories have undertaken a new initiative to improve mathematics and science education. They are collecting, analyzing, and synthesizing information about

curriculum frameworks, performance assessment methods, and successful mathematics and science programs and practices.

John Egermeier or Lois Weinberg  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208  
(202) 219-2116

### **Star Schools Program**

The Star Schools Program funds partnerships that use telecommunications and other technologies to improve educational opportunities for students in mathematics, science, foreign languages, literacy skills, vocational education, and other subjects. Services, including programming and equipment, have been provided to schools and communities serving students in both rural and urban areas. A variety of technologies are supported including satellite, fiber optics, compressed video, facsimile, computer networks, and cable.

Cheryl Garnette or Joseph Wilkes  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208-5644  
(202) 219-2116  
E-mail: cgarnett@inet.ed.gov

### **State Curriculum Frameworks**

Fifteen States and the District of Columbia have received Eisenhower National Program grants to help develop and implement K-12 curriculum frameworks for mathematics and science. Awards have been made to Alaska, Arizona, Arkansas, Delaware, the District of Columbia, Florida, Louisiana, Maine, Massachusetts, Michigan, Nebraska, New Jersey, New York, Oregon, Rhode Island, and Wisconsin. The frameworks are intended to ensure that all children study challenging subject material in mathematics and science. Projects will also design and implement new approaches to teacher education and certification appropriate to the frameworks.

Annora Dorsey  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW., Suite 522  
Washington, DC 20208  
(202) 219-1496

### **Third International Mathematics and Science Study**

The National Center for Educational Statistics will conduct the U.S. portion of the Third International Mathematics and Science Study being carried out by the International Association for the Evaluation of Education Achievement. The study will measure student progress in mathematics and science in more than 40 countries. In 1995, each country will assess 4th-, 8th-, and 12th-grade students and 12th-grade specialists in mathematics and science. The study will measure student proficiency and may include a longitudinal study of learning in 4th and 8th grades, performance assessments, a study of instructional practices, and case studies of key policy issues in education. Teacher, school, home, and societal factors will provide a context in which to gauge student achievement and differences among countries.

Eugene Owen  
Office of Educational Research  
and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW.  
Washington, DC 20208  
(202) 219-1746

## **U.S. DEPARTMENT OF ENERGY (DOE)**

### **Council of Energy Resource Tribes (CERT) Teacher and Student Fellowships**

DOE, along with the National Renewable Energy Laboratory and the Western Area Power Administration, provides research opportunities for Native American precollege teachers and college students. CERT, in turn, instructs the Laboratory researchers on tribal affairs relating to energy on the reservations and a basic understanding of Native American cultures.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

### **Earth Day Poster Contest**

This event coincides with the annual celebration of Earth Day. Students across the United States submit their entries through local DOE facilities, and winning posters are submitted to the national competition. To expand school participation, DOE collaborates with the National Association of Elementary School Principals. See the State Highlights section for the DOE facility in your State.

### **Federal Coordinating Council for Science, Engineering, and Technology (FCCSET) Federal Laboratory Teacher Training Program**

FCCSET summer institutes expose teachers to cutting-edge science in specific content areas and show teachers how to incorporate what they have learned into the classroom. Topics include materials, environmental, and agricultural sciences; physics; space; and the oceans. Sessions are conducted across the country with other Federal agencies that participate in FCCSET.

### **Global Climate Change Curriculum**

This program helps teachers across the Nation to develop techniques for multidisciplinary teaching related to the carbon dioxide buildup in the Earth's atmosphere.

Lawrence Livermore National Laboratory  
P.O. Box 808  
Livermore, CA 94550  
(510) 424-0567/Fax: (510) 373-0142

### **Hands-On Universe**

This Lawrence Berkeley Laboratory Program makes cutting-edge astrophysics research tools and technologies available to a wide audience. Via microcomputers and electronic networks, participants can request astronomical images created from the Laboratory's professional-grade telescopes.

Lawrence Berkeley Laboratory  
One Cyclotron Road  
Center for Science and Engineering Education  
Building 938C  
Berkeley, CA 94720  
(510) 486-5325/Fax: (510) 486-6660

### **High School Science Student Honors Program**

Through this honors program, students from each U.S. State and Territory learn about scientific research, instruments, and careers during a 2-week intensive research experience at a DOE facility.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

### **High School Student Research Apprenticeship Program**

This apprenticeship program enables high school students (minority and females are especially encouraged to apply) to perform laboratory research, attend lectures and seminars, and participate in field activities.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

### **Instructional Materials Development and Distribution**

DOE and its research centers produce educational materials designed for use by teachers and students.

Office of Scientific and Technical Information  
(OSTI)  
P.O. Box 62  
Oak Ridge, TN 37831  
(615) 576-8401

### **International Science and Engineering Fair Special Awards**

This program awards a DOE laboratory visit and certificate to students who present outstanding energy-related science projects at the annual International Science and Engineering Fair.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

**Lawrence Livermore National Laboratory  
Elementary School Science Study of Nature  
(LESSON)**

LESSON instructs K-8 teachers in basic science. Participants receive instructional materials, including experiments developed by the Laboratory scientists.

Lawrence Livermore National Laboratory  
P.O. Box 808  
Livermore, CA 94550  
(510) 424-0567/Fax: (510) 373-0142

**Mathematics Education Initiatives**

Several DOE national laboratories support summer research appointments for high school mathematics teachers and coordinators. These initiatives are closely coordinated with the Mathematical Sciences Education Board.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

**National Education Supercomputer  
Program (NESP)**

NESP utilizes a Cray Research X-MP supercomputer to stimulate student interest in advanced studies in mathematics and science and to train teachers in these fields. The X-MP connects students, teachers, and school systems to a powerful education and research experience.

Lawrence Livermore National Laboratory  
700 East Avenue  
P.O. Box 5509  
Livermore, CA 94550  
(510) 423-9394/Fax: (510) 423-5951

**National Geographic KidsNetwork**

This innovative telecommunications-based science and geography curriculum offers elementary school teachers hands-on experience in scientific

methods, expands cultural and social awareness, and teaches computer technology. The National Geographic Society and DOE in partnership offer training workshops at DOE facilities and their partner sites in the use of the KidsNetwork. The program demonstrates to teachers and students how curriculum study in the classroom relates to the real-world scientific community and provides them with access to practicing scientists.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

**National Science Bowl**

The annual academic National Science Bowl competition motivates and recognizes outstanding high school students in science. Awards include trips to international science forums.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

**National Teachers Institute In Materials  
and Technology**

These 2-week summer institutes, developed by Pacific Northwest Laboratory, Battelle, are attended by teams of teachers and administrators. Participants discover the properties of metals, glass and ceramics, composites, and polymers.

Pacific Northwest Laboratory, Battelle  
P.O. Box 999, MS K1-66  
Battelle Boulevard  
Richland, WA 99352  
(509) 375-2584/Fax: (509) 375-2576

**New Explorers**

DOE and Argonne National Laboratory support formal and informal initiatives in conjunction with the Public Broadcasting System production of "The New Explorers with Bill Kurtis." The program includes student activities, curriculum materials, scientific field trips, and career information that support classroom use of the video. New Explorers partners are active across the country



developing teacher guides relevant to local environments.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

### **PreFreshman Enrichment Program (PREP)**

PREP is located in colleges and universities that have science-based or engineering degree programs. Summer enrichment institutes are conducted for students in grades 6-10 in laboratory work, field trips, tutoring, and counseling.

U.S. Department of Energy  
Office of Science Education and Technical  
Information, ET-3  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

### **Standard Model of Fundamental Particles and Interactions**

DOE, through Lawrence Berkeley Laboratory and the Stanford Linear Accelerator Center, has sponsored production and distribution of this instructional packet to provide teachers with methods for presenting up-to-date ideas on quarks and leptons.

Science Kit & Boreal Laboratories  
777 East Park Drive  
Tonawanda, NY 14150-6784  
(716) 874-6020

### **Students Watching Over Our Planet Earth (SWOOPE)**

An environmental science curriculum developed by Los Alamos National Laboratory, SWOOPE allows students to gather data and send it to the Laboratory to be included in a database in an effort to map an environmental parameter of national concern. Teachers may interact with Laboratory scientists and write curriculum materials at summer institutes. Nationwide SWOOPE teachers' workshops are cosponsored by the Environmental Protection Agency and DOE.

Los Alamos National Laboratory  
P.O. Box 1663, HRD-5 MS P278  
Los Alamos, NM 87545  
(505) 667-1919/Fax: (505) 665-4093

### **Teacher Institutes in Fossil Energy**

The Teacher Institutes in Fossil Energy are supported by DOE's Office of Clean Coal Technology. Designed to increase teacher and student understanding of coal as an energy source, the sessions emphasize clean-coal technologies and provide information to encourage the pursuit of careers in science and mathematics.

Oak Ridge Institute for Science Education  
200 Badger Avenue  
P.O. Box 117  
Oak Ridge, TN 37831-0117  
(615) 576-3350/Fax: (615) 576-0202

### **Teacher Research Associates (TRAC) Program**

TRAC is a competitive summer program that provides an opportunity for teachers of grades 7-12 to increase their awareness and understanding of current science and technology, and receive college credit. Teachers may apply directly to the Associated Western Universities, which administers the program for DOE.

Associated Western Universities  
4190 South Highland Drive, Suite 211  
Salt Lake City, UT 84124  
(801) 278-0799/Fax: (801) 277-5632

## **U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES (HHS)**

### **Frederick Cancer Research and Development Center (FCRDC) Student Internship Program**

The FCRDC Student Internship Program provides high school students with an opportunity to work in a research environment and encourages the pursuit of degrees in relevant scientific disciplines.



National Cancer Institute  
National Institutes of Health  
Director of Extramural Activities  
Comprehensive Minority Biomedical Program  
6130 Executive Boulevard  
Rockville, MD 20892  
(301) 496-7344

**Minority High School Student Research  
Apprentice (MHSSRA) Program**

MHSSRA has three areas of focus: high school students and inservice and preservice teachers. MHSSRA's 6-8-week apprenticeship program cultivates interest among minority high school students in the biomedical sciences. Students work with local biomedical investigators and learn research procedures, collect and analyze data, help write scientific papers, and deliver presentations at research seminars.

National Center for Research Resources  
National Institutes of Health  
Biomedical Research Support Program  
Westwood Building 10A11  
5333 Westbard Avenue  
Bethesda, MD 20892  
(301) 594-7947

**Minority High School Student Research  
Apprentice (MHSSRA) Program for Inservice  
Teachers**

The MHSSRA Inservice Program supports the participation of minority teachers or teachers who teach large numbers of minority students in cutting-edge biomedical research. Teachers work with biomedical investigators who are committed to broadening the teachers' scientific knowledge and understanding of technical skills in the hopes that it will transfer into the classroom.

National Center for Research Resources  
National Institutes of Health  
Biomedical Research Support Program  
Westwood Building 10A11  
5333 Westbard Avenue  
Bethesda, MD 20892  
(301) 594-7947

**Minority High School Student Research  
Apprentice (MHSSRA) Program for Preservice  
Teachers**

The MHSSRA Preservice Program supports the participation of minority undergraduate students interested in a science teaching career in biomedical research while working with local biomedical investigators. The Program's intent is to expand teachers' basic scientific knowledge and expose them to research experiences before they enter the classroom.

National Center for Research Resources  
National Institutes of Health  
Biomedical Research Support Program  
Westwood Building 10A11  
5333 Westbard Avenue  
Bethesda, MD 20892  
(301) 594-7974

**National Cancer Institute Student Research  
Training Program**

The primary objective of the National Cancer Institute Student Research Training Program is to provide training and practical experience to highly motivated high school students who work in the National Cancer Institute intramural programs and who are interested in pursuing biomedical research careers. The training program is divided into four areas of research—cancer etiology, prevention and control, treatment, and biology.

National Cancer Institute  
National Institutes of Health  
Equal Employment Office  
Building 31, Room 10A33  
9000 Rockville Pike  
Bethesda, MD 20892  
(301) 496-6266

**National Institute of Environmental Health  
Sciences (NIEHS) Summers of Discovery  
Environmental Science Education Outreach  
Program**

NIEHS, a program for precollege science teachers and high school through graduate school students who are interested in pursuing careers in the biological sciences, matches participants with volunteer mentors from the intramural program to spend between 2 and 3 months in the mentor's laboratory working on a research project that exposes them to some of the latest biomedical, molecular, and cellular techniques.

National Institute of Environmental  
Health Sciences  
National Institutes of Health  
Summers of Discovery  
Attention: Personnel Office  
P.O. Box 12233/RTP.NC 2NN09  
Research Triangle Park, NC 27709  
(919) 541-4265

**National Institutes of Health Science  
Education Academy**

High school science teachers are invited to join with the Office of Education staff and National Institutes of Health intramural scientists to develop new programs and instructional materials for use by schools. During the academic year, some teachers continue to collaborate with Office of Education staff in refining and monitoring the new programs.

Office of Education  
National Institutes of Health  
9000 Rockville Pike, Building 10, Room 1C129  
Bethesda, MD 20892  
(301) 496-2427

**National Institutes of Health (NIH) Summer  
Fellowship Program for Inservice Teachers**

The NIH Summer Fellowship Program for Inservice Teachers targets teachers across the Nation who work in schools with predominantly minority enrollments. Selected teachers participate in a 1-2-week intensive laboratory training course in basic techniques of molecular and cellular biology where they learn to teach bioethics, use electronic databases, and implement their new skills in the classroom. Throughout the summer, teachers also attend weekly workshops designed to help them incorporate their new skills and lesson plans into the curricula. After training, teachers are placed for a minimum of 6 weeks in the Institutes' intramural laboratories on the Bethesda campus.

National Institutes of Health  
Office of Education  
9000 Rockville Pike  
Building 10, Room 1C129  
Bethesda, MD 20892  
(301) 496-2427

**National Institutes of Health (NIH) Summer  
Fellowship Program for Preservice Science  
Teachers**

The NIH Summer Fellowship Program for Preservice Science Teachers is targeted to advanced undergraduate students who plan to become secondary school science teachers, especially those students who may serve populations underrepresented in science. The program supplements the students' education where needed and exposes them to NIH scientists and state-of-the-art research. After a 1-week training course, students are placed for a minimum of 6 weeks in the Institutes' laboratories, where they learn basic skills necessary to conduct molecular biology laboratory research. Preservice teachers also attend weekly workshops designed to help them implement new lesson plans in the classroom.

National Institutes of Health  
Office of Education  
Building 10, Room 1C129  
9000 Rockville Pike  
Bethesda, MD 20892  
(301) 496-2427

**"NIH EdNet" Electronic Bulletin Board**

NIH EdNet is an electronic bulletin board designed to foster communication between National Institutes of Health (NIH) scientists and precollege students and teachers. A variety of conferences is available. The "Reviews" conference contains short reviews of topics in the biomedical sciences and encourages students to ask questions of the authoring scientist. The "Forum" conference is open to all students and teachers for discussion of scientific questions and pedagogical methods relevant to the teaching of science. Other conferences provide information on available materials, lectures, science fairs, and other topics.

Office of Education  
National Institutes of Health  
9000 Rockville Pike  
Building 10, Room 1C129  
Bethesda, MD 20892  
(301) 496-2427

### **Research Supplements for Underrepresented Minority High School Students**

The Research Supplements for Underrepresented Minority High School Students is designed to provide support for summer research experiences for underrepresented minorities. Any Principal Investigator holding an active National Institutes of Health research grant may be eligible to submit a request for an administrative supplement to support a minority high school student.

Office of Grant Inquiries  
Division of Research Grants  
National Institutes of Health  
Office of Grant Inquiries  
Westwood Building, Room 449  
Bethesda, MD 20892  
(301) 594-7248

### **Research Supplements to Promote the Recruitment of Individuals With Disabilities Into Biomedical Research Careers**

The Research Supplements to Promote the Recruitment of Individuals With Disabilities Into Biomedical Research Careers program is designed to provide research experiences for qualified high school students with disabilities who wish to participate in an ongoing research project during the summer or during the school year.

Office of Grant Inquiries  
Division of Research Grants  
National Institutes of Health  
Office of Grant Inquiries  
Westwood Building, Room 449  
Bethesda, MD 20892  
(301) 594-7248

### **Summer Internship Program (SIP)**

SIP provides direct laboratory training and experience in National Institutes of Health laboratories through summer fellowships for U.S. high school and college students in the biomedical sciences. Participants also attend the Office of Education's summer seminar series for students and teachers, the workshop "Strategies for Success for Future Scientists," and the workshop "How To Become a Member of the Next Generation of Biomedical Scientists." At summer's end, all students are invited to participate in NIH (National Institutes of Health) Poster Day—a scientific meeting where students present research to the NIH community.

The Office of Education processes the applications for many of the institutes. Students who complete the highly competitive process receive payment for their participation.

Office of Education  
National Institutes of Health  
Building 10, Room 1C129  
9000 Rockville Pike  
Bethesda, MD 20892  
(301) 496-2427

### **Summer Science Enrichment Program**

The Summer Science Enrichment Program, conducted at sites across the country, encourages underrepresented minorities and underserved youth to pursue professional careers in science, mathematics, and research. During the 6-week sessions, scientists act as teachers and mentors. The program includes classroom and laboratory experiences, as well as weekly field trips and evening seminars.

National Cancer Institute  
National Institutes of Health  
Executive Plaza North 240  
6130 Executive Boulevard  
Rockville, MD 20892  
(301) 496-8680

## **U.S. DEPARTMENT OF THE INTERIOR (DOI)**

### **Bureau of Reclamation Environmental Education Program**

A variety of environmental subjects, with an emphasis on water resources, are offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Montana, Nevada, Idaho, and Utah.

Lynn Almer, Environmental Education Manager  
Bureau of Reclamation  
P.O. Box 25007 (D-4005)  
Denver, CO 80225-0007  
(303) 236-8633

### **Earth Science Information Centers (ESICs)**

Earth Science Information Centers offer nationwide information and sales service for U.S. Geological Survey map products and Earth science publications. This network of ESICs provides information about geologic, hydrologic, topographic, and land-use maps; books and reports; aerial, satellite, and radar images and related products; Earth science and map data in digital format and related application software; and geodetic data. ESICs can also provide information on private and public producers of Earth science-related products throughout the United States. ESICs are listed in the State Highlights section of this publication for the 10 States that have Centers. For more information contact any ESIC or call (800) USA-MAPS.

Earth Science Information Center  
507 National Center  
Reston, VA 22092  
(703) 648-6045  
(800) USA-MAPS

### **Federal Junior Duck Stamp Conservation Program**

The Federal Junior Duck Stamp Conservation Program uses art as a catalyst to generate interest in wetlands conservation. K-12 students compete for prizes, including an expense-paid trip to Washington, D.C., for the top three winners. The Program currently operates in Arkansas, California, Florida, Illinois, Kansas, Maryland, South Dakota, and Vermont. Expansion to all 50 States is expected within the near future.

Program Director  
Federal Junior Duck Stamp  
Conservation Program  
Department of the Interior  
1849 C Street NW., Room 2058  
Washington, DC 20240  
(202) 208-4354

### **Heritage Education Program**

The Bureau of Land Management's Heritage Education Program is multifaceted, providing educational experiences and teaching resources with a focus on archaeology, history, and paleontology for the school setting as well as for outdoor classrooms, museums, and other informal learning environments. Materials for educators include

*Intrigue of the Past*, a teacher's guide to archaeology and ideas for classroom activities.

Project Manager  
Bureau of Land Management Imagination Team  
Anasazi Heritage Center  
P.O. Box 758, 27501 Highway 184  
Dolores, CO 81323  
(303) 882-4811

### **Parks as Classrooms**

The Parks as Classrooms Program offers teachers an opportunity to use the national parks to augment classroom instruction. Emphasis in most locations is on ecological and biological principles, while at fewer locations geological, meteorological, and oceanographic principles are specified. The National Park Service offers workshops in the parks to encourage teachers to build their curricula around park resources.

Robert Huggins, National Program Director  
National Park Service  
P.O. Box 37127  
Washington, DC 20013-7127

### **Project Water Education for Teachers (WET)**

WET develops diverse and innovative approaches to a balanced water education program that appeals to a wide spectrum of educators and students. Responding to the varied learning styles of young people and highlighting natural and social sciences, mathematics, and the arts, Project WET is producing diverse educational publications, models, and programs. States currently involved in Project WET are listed in the State Highlights section of this publication.

Dennis Nelson, Director  
National Project WET  
201 Culbertson Hall  
Montana State University  
Bozeman, MT 59717  
(406) 994-5392

### **Project WILD**

Project WILD provides training and curriculum materials for teachers interested in the environmental sciences. The guides contain more than 80 supplementary, interdisciplinary activities for grades K-12. Guides are free to teachers attending the training session. Interested teachers may



contact their Project WILD State Coordinator, listed in the State Highlights section.

Project WILD  
5430 Grosvenor Lane  
Bethesda, MD 20814  
(301) 493-5447/Fax: (301) 493-5627

### **Research Apprenticeship Program for Students (RAPS)**

Selected high school students learn about the management of natural and cultural resources on the Nation's public lands through first-hand work experience. Students work directly with scientists and other professionals. The program operates in the Western United States.

Steven Shafran  
Bureau of Land Management  
Denver Federal Building  
390 Union, Suite 350  
Denver, CO 80025-5698  
(303) 969-5698

### **Suitcase for Survival**

Suitcase for Survival is a special education campaign to acquaint young people with protected wildlife and how illegal trade in these species threatens them with extinction. The program is a cooperative effort sponsored by the U.S. Fish and Wildlife Service, the American Association of Zoological Parks and Aquariums, the World Wildlife Fund, and the National Fish and Wildlife Foundation. Suitcases, donated by American Tourister, are filled with confiscated wildlife products, accompanied by educational materials. Operated nationally through zoological parks across the country, the program sponsors training classes for teachers to enable them to use the suitcases and recommends curriculum to help children understand the connection between living animals and the products in the suitcases.

Education Coordinator  
American Association of Zoological Parks  
and Aquariums  
7970-D Old Georgetown Road  
Bethesda, MD 20814  
(301) 907-7777

### **Watchable Wildlife**

Watchable Wildlife will create a national network of wildlife viewing areas by forming State coalitions that consist of Federal agencies, nonprofit organizations, and environmental associations. Teachers may, for a small fee, purchase a guidebook to their State's Watchable Wildlife facilities. Future plans include the development of interpretive exhibits, visitor centers, environmental and conservation programs, and educational materials. Currently, 20 States participate in this program.

Mark Hilliard, Wildlife Appreciation  
Program Manager  
Western Fish and Wildlife Staff  
3380 Americana Terrace  
Boise, ID 83706  
(208) 384-3088

### **Youth Conservation Corps**

The Youth Conservation Corps is a summer employment program offered by both the U.S. Department of Agriculture and DOI. Students, ages 15-18, work on projects to further the development and conservation of U.S. natural resources. Work projects are planned, directed, and executed so as to give enrollees an understanding of their tasks and how their work enhances the environment.

Youth Conservation Corps Coordinator  
U.S. Department of the Interior  
National Park Service  
P.O. Box 37127, Suite 57  
Washington, DC 20013-7217  
(202) 343-5514

## **U.S. DEPARTMENT OF LABOR (DOL)**

### **Job Corps**

A residential employment and training program for severely disadvantaged youth, 16-24, Job Corps prepares young people for employment and entrance into vocational/technical schools or other institutions for further education and training. Students receive room and board, books, supplies, and a cash living allowance. The program offers vocational training; English-as-a-second-language



(ESL); basic education; and instruction in personal hygiene, nutrition, positive work habits, social skills, parenting, intergroup relations, and constructive use of leisure time. Services are provided at one of Job Corps' 100-plus centers across the country. The program offers an individually paced education program that includes reading, mathematics, and GED and precollege preparation.

Judy Vitale, Education Specialist  
Education and Enrollee Support Unit, Job Corps  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW., Room N4507  
Washington, DC 20210  
(202) 219-5556/Fax: (202) 219-5183

### **Job Training Partnership Act (JTPA) State and Local Programs for Economically Disadvantaged Adults and Youth**

State and local JTPA Programs, available in virtually every part of the country, prepare economically disadvantaged adults and youth to compete in the labor market. Depending on an individual participant's needs, a broad array of services are available through these programs, including vocational training, basic mathematics, and GED instruction. Activities include a special Summer Jobs Program for low-income youth. The summer program has an education component. For State JTPA liaisons, see the State Highlights section of this publication.

Hugh Davies, Director  
Office of Employment and Training Programs  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW., Room N4469  
Washington, DC 20210  
(202) 219-5580/Fax: (202) 219-7190

## **U.S. DEPARTMENT OF TRANSPORTATION (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, co-sponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation

career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources. For more information, contact the FAA Aviation Education Representative listed for your State in the State Highlights section of this publication.

### **Aviation Education Resource Centers (AERC)**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations. See the State Highlights section for the location of the centers.

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program. For more information, contact the FAA Aviation Education Representative listed for your State in the State Highlights section.

Federal Aviation Administration  
Office of Training and Higher Education  
DOT/NASSIF, Room PL-100  
400 Seventh Street SW.  
Washington, DC 20590  
(202) 366-7500/Fax: (202) 366-3786

### **International Science Fair**

The annual International Science Fair is the world's largest science fair. Administered by Science Service, Inc., the FAA supports this program by providing qualified judges and awards in the "Special Awards Program" area. The Special Awards Program is sponsored by scientific and engineering societies, Federal agencies, colleges and universities, and private industry.

Aviation Education Representative  
Atlantic City International Airport  
Human Resource Management Division  
Atlantic City, NJ 32137  
(609) 485-6032/Fax: (609) 485-4391

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education. For more information, contact the FAA Aviation Education Representative listed for your State in the State Highlights section.

## **U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **Environmental Education Grants Program**

The purpose of the Environmental Education Grants Program is to stimulate environmental education by supporting projects to design, demonstrate, or disseminate new practices, methods, or techniques related to environmental education. Projects must demonstrate the potential for wide application and address a high-priority environmental issue. Only nonprofit organizations or institutions are eligible to apply for grants; however, teachers may participate in the program through their school or another organization.

Environmental Education Grants Program  
Environmental Education Division  
U.S. Environmental Protection Agency  
Attention: Bradley F. Smith  
401 M Street SW. (1707)  
Washington, DC 20460  
(202) 260-4965

### **Environmental Education Resource Library**

EPA's Environmental Education Division, working with education institutions, Federal agencies, and others, is developing an interactive, computer-based environmental education resource library. The Library, designed for K-12 educators, contains a wide range of educational materials

produced by EPA; other Federal agencies; nonprofit organizations; and others. The Library is being developed as part of EPA's cooperative agreement with the National Consortium for Environmental Education and Training led by the University of Michigan.

National Consortium for Environmental  
Education and Training  
University of Michigan  
School of Natural Resources  
Ann Arbor, MI 48109-1115

### **Environmental Resource Curricular Program**

In the Environmental Resource Curricular Program, EPA, working with educators, sponsors the development of applied, minds-on, integrated teaching tools designed to fit within existing learning objectives. These innovative modules use case studies to explain scientific events. Students conduct the science activities and bridge the science into action at the community level.

Michael Moore, Director  
Office of Science, Planning, and  
Regulatory Evaluation  
U.S. Environmental Protection Agency  
401 M Street SW. (H-8105)  
Washington, DC 20460  
(202) 260-7671/Fax: (202) 260-0036

### **Garden Earth: Investing and Restoring Earth's Ecosystem**

In a joint effort with the State Botanical Garden of Georgia, EPA is developing a master plan for outdoor learning areas on school campuses. Training materials that encourage students to become involved in Earth-stewardship action are also being designed.

Environmental Research Laboratory  
U.S. Environmental Protection Agency  
960 College Station Road  
Athens, GA 30605-2720  
(706) 546-3324/Fax: (706) 546-2018

### **Memorandum of Understanding Between the Environmental Protection Agency and the Boy Scouts of America**

The Memorandum of Understanding between the EPA and the Boy Scouts of America allows EPA to cooperate with the Boy Scouts of America in a variety of projects and activities, such as the

Teaching Resource and Individual Leadership (TRAIL Boss) program, which provides youth leaders, teachers, and outdoor organizations with training and experience that will assist them in conducting conservation projects. The Agency provides technical assistance with the design and development of environmental conservation activities.

Environmental Education Division  
U.S. Environmental Protection Agency  
401 M Street SW. (1707)  
Washington, DC 20460  
(202) 260-8749/Fax: (202) 260-0790

#### **Memorandum of Understanding Between the Environmental Protection Agency and the Girl Scouts of America**

The Memorandum of Understanding between EPA and the Girl Scouts of America provides technical assistance to the Daisy, Brownie, Junior, Cadette, and Senior Girl Scout Troops. The Agency supports the National Service Project, local council programs, and as requested, the development of specific environmental efforts.

Environmental Education Division  
U.S. Environmental Protection Agency  
401 M Street SW. (1707)  
Washington, DC 20460  
(202) 260-8749/Fax: (202) 260-0790

#### **National Consortium for Environmental Education and Training**

EPA entered into a cooperative agreement with a group of academic institutions, corporations, and nonprofit organizations headed by the University of Michigan to develop and operate a national teacher training program, the National Consortium for Environmental Education and Training. The program targets inservice teachers (K-12) and nonformal educators, and includes teacher training, curriculum evaluation, and information dissemination for environmental education.

National Consortium for Environmental  
Education and Training  
University of Michigan  
School of Natural Resources  
Ann Arbor, Michigan 48109-1115

#### **The President's Environmental Youth Awards**

EPA's President's Environmental Youth Awards Program honors outstanding commitment to the

environment. Young people in grades K-12 in all 50 States are eligible to participate. All participants receive a certificate and may compete for national recognition. Each of EPA's 10 regional offices selects a national winner. The winners and their sponsors are invited to participate in the National Awards Ceremony held annually in Washington, D.C.

Youth Coordinator  
Environmental Education Division  
U.S. Environmental Protection Agency  
401 M Street SW. (1707)  
Washington, DC 20460  
(202) 260-8749/Fax: (202) 260-0790

#### **Progression Education Program (PEP)**

Initiated in fiscal year 1992, 10 training cooperative agreements between educational institutions and EPA laboratories focused on career access and student preparation that may lead to employment in the environmental field. The agreements help to encourage minority students from high school, college, or graduate school to pursue advanced degrees in environmental science. Tuition assistance and summer employment is provided. The program also produces targeted curriculum for use by such minority groups as Native Americans. In 1994-1995 the program will be open to competition, and educational institutions may apply through participating EPA/Office of Research and Development Laboratories.

Education Coordinator  
Office of Science, Planning, and  
Regulatory Evaluation  
U.S. Environmental Protection Agency  
401 M Street SW. (H-8105)  
Washington, DC 20460  
(202) 260-7671/Fax: (202) 260-0036

#### **Public Information Centers (PICs)**

Public Information Centers provide public access to information selected and maintained by the Federal Government on major ecological and environmental issues. The Centers offer publications, data, interactive computer workstations, theaters, and exhibits, although available services may vary from center to center. The PIC also has environmental education materials for K-12 students and teachers. A Public Information Center is located at each of the 10 regional offices, which are listed in the State Highlights section of this publication.

Public Information Center  
U.S. Environmental Protection Agency  
401 M Street SW. (PM-211B)  
Washington, DC 20460  
(202) 260-7751/Fax: (202) 260-2080

### **Students Watching Over Our Planet Earth (SWOOPE)**

Students Watching Over Our Planet Earth is a partnership program between EPA and the U.S. Department of Energy. An innovative environmental education system for teachers and students, the program uses hands-on science education techniques to challenge students to take an active role in understanding the dynamics of our planet. It incorporates curriculum, teacher training, real data, and a national database of environmental information.

Environmental Education Division  
U.S. Environmental Protection Agency  
401 M Street SW. (1707)  
Washington, DC 20460  
(202) 260-8749/Fax: (202) 260-0790

### **Water Employees Together With America's Youth**

In cooperation with National Geographic, the Water Employees Together With America's Youth Program was launched to expand the National Geographic Awareness Week Program. Program volunteers visit classrooms and conduct demonstrations about water and other environmental issues.

Education Coordinator  
Office of Water  
U.S. Environmental Protection Agency  
401 M Street SW. (WH-556)  
Washington, DC 20460  
(202) 260-5444

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **Aerospace Education Services Program (AESP)**

AESP reaches millions of students each year with its traveling aerospace education units that bring the aerospace program into our Nation's schools, conducting classroom and assembly programs on the principles of rocketry, living and working in space, aeronautics, space science, and NASA's history and accomplishments. Up-to-date information is also provided on NASA's current and future projects. However, the program is in great demand and requests for visits should be initiated well in advance. For more information contact your State's Field Center, listed in the State Highlights section of this publication.

Elementary and Secondary Branch  
Education Division  
Code FEE  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1518

### **Aerospace Education Services Program (AESP) In-Service Component**

An Aerospace Education Services Program specialist can provide teacher workshop opportunities, presenting ways in which aerospace topics may be integrated into the curriculum or supplement it. Workshop content can be tailored to a school's specific areas of interest. The aerospace education specialist can also provide resource materials and other information for curriculum enrichment. In areas where the program is scheduled for presentation at more than one school, as in large school districts, additional specialists are available. For more information contact your State's Field Center, listed in the State Highlights section of this publication.

Elementary and Secondary Branch  
Education Division  
Code FEE  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1518



### **Central Operation of Resources for Educators (CORE)**

CORE was established for the national and international distribution of NASA educational materials in audiovisual format. To order a catalog and order forms, submit written requests on school letterhead. A nominal fee includes the cost of the materials plus shipping and handling.

#### **NASA CORE**

Lorain County Joint Vocational School  
15181 Route 58 South  
Oberlin, OH 44074  
(216) 774-1051, ext. 293/294

### **Community Involvement Program (CIP)**

The Community Involvement Program is a unique, multidimensional service that seeks to involve not just schools, but service clubs, local government officials, and the private sector in a community-wide program that places special emphasis on the educational value of the Nation's aerospace program. CIPs are usually initiated at the request of a school administrator or State education official. Once a community has been selected, NASA officials and educators within the community meet to plan the program and its duration, which can range from 1 week to 1 month. Aerospace Education Services Program specialists usually form the core of the program, with additional NASA personnel added as desired or needed. While no two CIPs are alike, a typical program includes many of the elements of an education specialist's visit in an expanded format; for example comprehensive inservice workshops, community exhibits, student competitions, workshops, assemblies for both students and the general public, and other public events. CIPs are extremely well received and are in great demand. Unfortunately, due to limited resources and the intensive nature of these programs, NASA conducts no more than four or five CIPs each year. Smaller school districts are encouraged to contact other school districts, or possibly a State education official, in an effort to widen the geographic area proposed for this program. For more information contact your State's Field Center, listed in the State Highlights section of this publication.

Elementary and Secondary Branch  
Education Division  
Code FEE  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1518

### **Educational Horizons**

The newsletter *Educational Horizons* is NASA's triannual publication for educators. Each issue features information about upcoming Shuttle missions, updates on space science and aeronautics research, and information about NASA's Education Program. The newsletter is free by subscription to educators and announces the latest educational publications available from NASA.

Educational Publications Branch  
Code FEP  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1535

### **MATHCOUNTS**

MATHCOUNTS is an annual mathematics competition for 7th and 8th grade students that brings a number of organizations together in a cooperative effort to promote and reward excellence in mathematics. All students who participate in MATHCOUNTS receive an award. Competition begins at the local level and culminates in a national competition. NASA sponsors a week-long trip to the U.S. Space Camp for winners of the national competition and awards a 4-day mathematics workshop at a NASA Field Center to the top eight coaches in the national competition.

MATHCOUNTS  
1420 King Street  
Alexandria, VA 22314  
(703) 684-2928

### **NASA Educational Workshops for Elementary School Teachers (NEWEST)**

NEWEST provides a 2-week workshop (graduate credit optional) to elementary school teachers (grades K-6) at a NASA Field Center. The teachers participate in seminars conducted by NASA scientists and engineers, learn about current research and projects, and are provided with techniques to assist them in incorporating aerospace-related topics into their curricula. Participants receive a variety of educational materials to take back to their classrooms. The application deadline is mid-February, with selection in mid-April.

National Science Teachers Association  
NEWEST Program  
1840 Wilson Boulevard  
Arlington, VA 22201  
(703) 243-7100



### **NASA Educational Workshops for Math, Science, and Technology Teachers (NEWMAST)**

NEWMAST provides mathematics, science, and technology teachers (grades 7–12) a 2-week inservice workshop (graduate credit optional) at a NASA Field Center. Participants observe state-of-the-art research and development activities, interact with NASA scientists and engineers, and receive a variety of educational materials to share with their peers and students. The application deadline is mid-February with selection in mid-April.

National Science Teachers Association  
NEWMAST Program  
1840 Wilson Boulevard  
Arlington, VA 22201  
(703) 243–7100

### **NASA Select Television**

Established in the early 1980s, NASA Select Television offers the general public a front-row seat at mission launches and activities taking place in space during a mission, as well as informational and educational programming, historical documentaries, and updates on the latest developments in aeronautics and space science. Programming on NASA Select begins at 12 noon eastern time, Monday through Friday, and is shown in 4-hour blocks that are repeated at 4 p.m., 8 p.m., and midnight. Although all programming has historical and educational value, the 2 p.m., 6 p.m., 10 p.m., and 2 a.m. programming is designated as containing educational material suitable for classroom use.

NASA Select  
Technology and Evaluation Branch  
Education Division  
Code FET  
NASA Headquarters  
Washington, DC 20546  
(202) 358–1540

### **NASA Spacelink**

NASA Spacelink is an electronic information system containing current NASA educational services, classroom materials, instructional activities, and space program spinoffs, NASA news, information and reference data on aeronautics and space exploration, and NASA Field Center

activities. The NASA Spacelink number for modern direct dial is (205) 895–0028 and the Internet address is 192.149.89.61.

NASA Spacelink Administrator  
Marshall Space Flight Center  
Code CA–21  
Huntsville, AL 35807  
(205) 544–6360

### **NASA Teacher Resource Center Network (TRNC)**

Teachers can enhance their existing curriculum through information that is generated by NASA programs, technologies, and discoveries. Although NASA educational materials relate primarily to mathematics, science, and technology, they can be valuable curriculum supplements for all subjects.

To disseminate materials to elementary educators, secondary educators, and higher education faculty, the NASA Education Division has established the NASA Teacher Resource Center Network. TRCN is composed of Teacher Resource Centers, Regional Teacher Resource Centers, and the NASA Central Operation of Resources for Educators.

Technology and Evaluation Branch  
Education Division  
Code FET  
NASA Headquarters  
Washington, DC 20546  
(202) 358–1540

### **NASA Teacher Resource Centers (TRCs)**

Located at the nine NASA field centers, the Teacher Resource Centers have a variety of NASA-related educational materials in several formats: videotapes, slides, audiotapes, publications, lesson plans, and activities. NASA educational materials are available to be copied at the TRCs. See the State Highlights section of this publication for the TRC in your State.

Technology and Evaluation Branch  
Education Division  
Code FET  
NASA Headquarters  
Washington, DC 20546  
(202) 358–1540

### **Regional Teacher Resource Centers**

To increase the opportunity for educators to visit the Teacher Resource Centers, NASA forms partnerships with school systems, universities, museums, and other nonprofit organizations to serve as Regional Teacher Resource Centers. Teachers may preview, copy, and receive NASA materials at these sites. See the State Highlights section for RTRC locations.

Technology and Evaluation Branch  
Education Division  
Code FET  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1540

### **Satellite Videoconferences**

The NASA Education Satellite Videoconference Series for Teachers is a series of professional development programs for educators. Its objectives are to (1) inform teachers about current developments in America's aeronautics and space programs, and (2) demonstrate techniques to teachers for instructing students about aerospace concepts. The videoconference series is free to registered educational institutions. To participate, institutions must have a C-band satellite receiving system, teacher release time, and an optional long-distance telephone line for interaction. The programs may be videotaped and copied for later use.

Videoconference Coordinator  
NASA Aerospace Education Services Program  
Oklahoma State University  
300 North Cordell  
Stillwater, OK 74078  
(405) 744-7015

### **Science and Engineering Fairs**

To stimulate interest in aeronautics and aerospace sciences among secondary school students, NASA participates in the science fairs administered by Science Services. NASA recognizes students with outstanding projects in aeronautics, space sciences, mathematics, space technology, and applications. Participation in NASA's award program must be requested by fair directors, and NASA depends on individual science and engineering fair judges to select recipients of NASA certificates. NASA's own team of judges attend the international fair and select

10 students to receive an educational trip, accompanied by their teachers, to a NASA Field Center.

Science Service  
1719 N Street NW.  
Washington, DC 20036  
(202) 785-2255

### **Shuttle Amateur Radio Experiment (SAREX)**

With the help of Amateur Radio clubs and ham operators, astronauts on designated shuttle flights make radio contacts while in orbit. The astronauts talk directly with teachers, parents, and communities. The American Radio Relay League, the Radio Amateur Satellite Corporation, and NASA's Education Division sponsor this shuttle experiment. The American Radio Relay League can provide educators with lesson plans and resource materials.

American Radio Relay League (ARRL)  
225 Main Street  
Newington, CT 06111  
(203) 666-1541

### **Space Science Student Involvement Program (SSIP)**

SSIP is an annual program that allows students to compete in diverse areas related to space exploration, including the arts and sciences. While the program culminates in a national competition, it has been designed to be used within the context of existing curricula. SSIP has five multidimensional program elements within which students may compete: one for grades 3-12; one for grades 3-5; one for grades 6-8; and two for grades 9-12. Public or private school students are eligible to apply.

National Science Teachers Association  
SSIP Program  
1840 Wilson Boulevard  
Arlington, VA 22201  
(703) 243-7100

### **Summer High School Apprenticeship Research Program (SHARP)**

The objective of the SHARP Program is to channel students that traditionally have not been represented into the fields of mathematics, science, and engineering. Selected students participate in intensive science and engineering research at a NASA Field Center as an apprentice to a NASA mentor

in a related research area. To be selected, students must have a demonstrated interest and aptitude for science, mathematics, and technology-related areas and live within commuting distance to a NASA Field Center. For more information contact your State's Field Center, listed in the State Highlights section of this publication.

Elementary and Secondary Branch  
Education Division  
Code FEE  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1518

### **Urban Community Enrichment Program (UCEP)**

The Urban Community Enrichment Program exposes teachers and middle school students from urban communities to interesting and broadening activities. Special emphasis is placed on communication, logic, and reasoning skills that are curriculum-based. Major activities include lectures, demonstrations, and structured classroom activities highlighting the various sciences that supplement the ongoing curriculum. In addition, workshops and other activities are offered to school personnel. Technical and logistical assistance is supplied by the NASA UCEP Coordinator. In preparation for the program, NASA Aerospace Education Specialists train core teachers as a team to conduct interdisciplinary aerospace activities in school districts. For more information contact your State's Field Center, listed in the State Highlights section of this publication.

Elementary and Secondary Branch  
Education Division  
Code FEE  
NASA Headquarters  
Washington, DC 20546  
(202) 358-1518

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Collaboratives for Excellence In Teacher Preparation Program**

The Collaboratives for Excellence in Teacher Preparation Program supports projects aimed at

major changes in approaches to the undergraduate preparation of future teachers of elementary and secondary science and mathematics. This includes development of new institutional structures, the production of creative materials, courses and curricula for teacher education, and research on factors affecting the recruitment and preparation of teachers. Projects demonstrate leadership by the scientific discipline departments, and emphasize a solid foundation in science or mathematics and rigorous attention to effective teacher practices, including the use of advanced instructional technologies. Special interests include multidisciplinary projects and initiatives for recruiting members of underrepresented groups into the teaching profession. Collaborations among scientists, science educators, teachers, and other educational leaders, within and among institutions of higher education and school systems, are encouraged in the planning and implementation of projects. Colleges and universities or their consortia that have the capacity to prepare significant numbers of highly qualified teachers are eligible to submit proposals. In addition, proposals for teacher preparation that are smaller in scale and more focused than a collaborative are welcome in the other programs in the Division of Undergraduate Education, as appropriate.

Teacher Preparation Program  
Division of Undergraduate Education  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1668

### **Comprehensive Regional Centers for Minorities**

Comprehensive Regional Centers for Minorities support the establishment of coalitions of colleges, universities, school districts, and other organizations designed to substantively improve the precollege experiences of minority students in science and mathematics. The Centers stimulate systemic improvement in precollege education in regions having significant minority populations, which results in an increased number of minority high school students who develop strong interest, confidence, and skills to pursue further study in science and engineering. Academic institutions and nonprofit organizations are eligible to apply for funding through this program.

Comprehensive Regional Centers for Minorities  
Division of Human Resource Development  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1633

### **Informal Science Education Program**

Projects supported by the Informal Science Education Program are designed to provide rich and stimulating environments outside of school where individuals of all ages, interests, and backgrounds can increase their appreciation and understanding of science, mathematics, and their applications. Projects are generally designed to reach large audiences and to have the potential for significant regional or national impact. The program is particularly interested in collaborative projects that establish linkages among organizations that have similar goals. This program accepts proposals from any organization having a scientific or educational mission.

Informal Science Education Program  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1615

### **Instructional Materials Development Program**

Instructional materials in science, mathematics, and technology guide both the course and content of classroom instruction in these areas. All projects supported by the Instructional Materials Development Program are expected to be designed for the success of all students, regardless of background or ability. The projects should promote positive student attitudes towards science, mathematics, and technology, as well as positive perceptions of themselves as learners. Although some projects may be envisioned as demonstration models, the majority of funded projects are expected to contain comprehensive plans for dissemination, so that upon completion, materials will be poised for utilization by teachers and students across the Nation. Organizations having a scientific or educational mission may submit proposals to this program.

Instructional Materials Development Program  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1614

### **Partnerships for Minority Student Achievement Program**

The Partnerships for Minority Student Achievement Program supports comprehensive precollege education reform programs targeted at school systems having significant minority student populations. City and county school systems, which are the units of change, are expected to link with institutions of higher education and community-based and other education organizations in the design and implementation of in-school student and teacher enhancement activities and informal education efforts. The program's goals are to improve student achievement in mathematics and science courses, to enhance teacher knowledge and skills, and to expand student interest in science, mathematics, and technology as career choices. Academic institutions and nonprofit organizations are eligible to apply for funding through this program.

Partnerships for Minority Student Achievement  
Division of Human Resource Development  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1633

### **Presidential Awards for Excellence in Science and Mathematics Teaching Program**

The Presidential Awards for Excellence in Science and Mathematics Teaching Program provides national recognition to outstanding elementary, middle, and secondary school teachers. Each year, two mathematics teachers and two science teachers (two elementary and two middle/junior/senior high school) are selected from each State and each of the four jurisdictions (District of Columbia, U.S. Territories, Department of Defense Dependents Schools, and Puerto Rico). The program seeks to enhance the status and visibility of the teaching profession by identifying and rewarding exemplary teachers. Awardees are brought to Washington, D.C., for a week of activities and professional interaction, and receive an



NSF grant of \$7,500 for their discretionary use to improve science and/or mathematics education at the awardee's home institution. Eligible teachers include those whose primary responsibility is classroom teaching of science or mathematics in a public or private school. Applicants must have a minimum of 5 years' experience. Teachers can be nominated by their colleagues, administrators, students, or parents of students.

Presidential Awards for Excellence in  
Science and Mathematics Teaching  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1613

### **Programs for Persons With Disabilities**

NSF Programs for Persons With Disabilities have recently been expanded and is committed to bringing about change in academic and professional climates, developing new methods of teaching science and mathematics, increasing the awareness and recognition of the needs and capabilities of students with disabilities, promoting the accessibility and appropriateness of instructional materials and education technologies, and increasing the availability of mentoring resources. Though the Foundation encourages persons with disabilities to participate in fully NSF-supported programs, its Human Resource Division has initiated efforts focused on (1) eliminating barriers to the participation of students with disabilities in science, engineering, and mathematics studies; (2) changing the attitudes of the education community and the public in general about the potential of persons with disabilities; and (3) offering aid for adaptive technologies and assistance to allow students, scientists, engineers, and mathematicians to participate in NSF-supported research.

Programs for Persons With Disabilities  
Division of Human Resource Development  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1637

### **Programs for Women and Girls**

The goal of the Programs for Women and Girls is to elicit projects that have high potential for effecting both short- and long-term changes in the representation of women in science, engineering, and mathematics careers, and in the overall science, engineering, and mathematics education of women and girls. Efforts involved in the initiative address educational issues from preschool through the graduate level, as well as professional issues. Three programs—Model Projects, Experimental Projects, and Information Dissemination Activities for Women and Girls—accomplish this goal.

Programs for Women and Girls  
Division of Human Resource Development  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1637

### **Rural Systemic Initiatives Program**

The Rural Systemic Initiatives Program (RSI) is a new effort on the part of the National Science Foundation to address barriers to systemic and sustainable improvements in science, mathematics, and technology education in rural, economically disadvantaged regions of the Nation. The RSI is designed to fund projects from coalitions in regions defined by similarities in social, cultural, and economic circumstances, rather than by governmental boundaries. The program supports planning activities for formation of partnerships and determination of present needs and resources and of future goals, technical assistance to develop strategies to achieve those goals, and implementation of strategies directed toward systemic educational reform.

Rural Systemic Initiatives  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1684



### **Statewide Systemic Initiatives Program**

The Statewide Systemic Initiatives Program is a major NSF effort to encourage improvements in science, mathematics, engineering, and technology education through comprehensive systemic changes in State education systems. The program is competitive and leads to cooperative agreements with State governments that address several objectives: (1) adoption of more effective mathematics and science curricula; (2) use of better materials, technologies, and assessment procedures; (3) higher student achievement in mathematics and science and increased interest in related careers; (4) improvement of science literacy; (5) adoption of new standards and methods for teacher preparation; and (6) improved organizational and decisionmaking structures. State Governors or their designees may submit a proposal that will encompass these objectives. Currently, 25 States and the Commonwealth of Puerto Rico are receiving funds from this program. Information about State initiatives is listed in the State Highlights section of this publication.

Statewide Systemic Initiatives  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1682

### **Summer Science Camps Program**

The Summer Science Camps Program supports 4-6-week summer enrichment projects for minority students in grades 7-9. Eligible organizations include school districts, museums, colleges and universities, and nonprofit youth-centered or community-based organizations. Proposed activities include a combination of instruction, problem solving, exposure to the research process, and career exploration that emphasizes student interactions with scientists, mathematicians, and engineers. Academic institutions and nonprofit organizations are eligible to apply for funding through this program.

Summer Science Camps  
Division of Human Resource Development  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1633

### **Teacher Enhancement Program**

The Teacher Enhancement Program supports the development of effective approaches and creative materials for the continuing education of elementary, middle, and secondary school mathematics and science teachers. Successful proposals emphasize both content and pedagogy, help teachers develop and exercise leadership qualities, and provide opportunities for continuing professional growth and interaction. Typical projects involve intensive summer workshops followed by regular activities during the next academic year. Organizations having a scientific or educational mission may submit a proposal.

Teacher Enhancement Program  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1613

### **Urban Systemic Initiatives Program**

The Urban Systemic Initiatives Program (USI) in science, mathematics, and technology education is a comprehensive and systemic effort designed to enable fundamental reform of K-12 science and mathematics education in large urban school systems. Eligibility for the program is limited to school systems in the 25 cities having the largest numbers of school-aged children (ages 5-17) living in poverty as determined by the 1990 Census. Built upon experience gained from the Statewide Systemic Initiatives (SSI) program and the Comprehensive Regional Centers for Minorities (CRCM), the program provides significant support for 5 years to cities that have completed comprehensive planning and demonstrate readiness to make systemic and sustainable changes in the policies, practices, and procedures of urban school systems.

Urban Systemic Initiatives  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1684

### Young Scholars Program

The Young Scholars Program is designed to excite students entering grades 7–12 about science, mathematics, and technology, and to encourage them to investigate and pursue careers in these fields. The program emphasizes student participation in the process of scientific discovery through interaction with practicing scientists in the laboratory and in the field. Projects offer a combination of instruction and problemsolving activities, along with discussions of career preparation and science ethics. Proposals may be submitted by colleges or universities or their associations or consortia, scientific or professional societies whose members are primarily university faculty or research, and for-profit industries or other organizations that are engaged in significant advanced research efforts and have experience interacting with students. For more information about this program, contact the office listed below.

Young Scholars Program  
Directorate for Education and Human  
Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306–1615

## SMITHSONIAN INSTITUTION

### A Private Universe Project

A Private Universe Project is developing a six-part nationally broadcast television series to help science teachers address student preconceptions in science. The 3-year project, funded in 1992, focuses on grades K–12. The series is derived from work pioneered in Project STAR: Science Teaching through its Astronomical Roots, and is an extension of that project's award-winning video, *A Private Universe*. The project will alert science teachers to problems posed by their students' preconceived ideas and will encourage them to devise solutions tailored to students' specific needs.

Harvard-Smithsonian Center for Astrophysics  
60 Garden Street, MS71  
Cambridge, MA 02138  
(617) 495–9798/Fax: (617) 496–5405

### MicroObservatory

The MicroObservatory project focuses on grades 9–12, and will develop a network of portable, automated, CCD-based (charge-coupled device) reflecting telescopes, accessible to students at their schools and over the Internet.

Harvard-Smithsonian Center for Astrophysics  
60 Garden Street, MS71  
Cambridge, MA 02138  
(617) 495–9798/Fax: (617) 496–5405

### National Elementary Science Leadership Initiative

Each summer the National Elementary Science Leadership Initiative conducts two Elementary Science Leadership Institutes. These Institutes provide teams of administrators, curriculum specialists, teachers, and scientists from school districts across the country with the information and skills they need to develop and maintain effective hands-on elementary science programs. The Institutes are staffed with science educators and scientists who have implemented exemplary elementary science programs in their districts. This Initiative includes technical assistance to school districts across the country that are working to reform their elementary science programs.

National Science Resource Center  
Arts and Industries Building, Room 1201  
Smithsonian Institution  
Washington, DC 20560  
(202) 357–2555/Fax: (202) 786–2028

### National Science Resource Center's Resource Collection

The National Science Resource Center maintains a comprehensive and growing collection of effective science teaching resource materials. Housed at the Resource Center's library at the Smithsonian Institution, the collection holds more than 5,000 volumes. The resource collection is cataloged and accessible through computerized information databases that include annotations as well as bibliographic data. The Resource Center has also produced an annotated guide to elementary science resources, *Science for Children: Resources for Teachers*.

National Science Resource Center  
Arts and Industries Building, Room 1201  
Smithsonian Institution  
Washington, DC 20560  
(202) 357-2555/Fax: (202) 786-2028

**Professional Development Opportunities  
for Teachers**

Regional workshops and summer institutes are designed to strengthen ties between museums and schools nationwide and to contribute to the improvement of teaching methods and materials.

Office of Elementary and Secondary Education  
Smithsonian Institution  
Arts and Industry Building, Room 1163  
Washington, DC 20560  
(202) 357-2425/Fax: (202) 357-2116

**Project SPICA: Support Program for  
Instructional Competency in Astronomy**

The Support Program for Instructional Competency in Astronomy focuses on teachers of astronomy from kindergarten through college. The program conducts summer institutes for expert teachers who then conduct workshops for other teachers, principally in grades K-9. Applications for the 3-week summer institute will be available in late fall. The program is publishing a teacher's resource manual of activities that were developed during the summer institutes, which will be available from Kendall/Hunt Publishing Company in the spring of 1994.

Harvard-Smithsonian Center for Astrophysics  
60 Garden Street, MS71  
Cambridge, MA 02138  
(617) 495-9798/Fax: (617) 496-5405

**Science and Technology for Children**

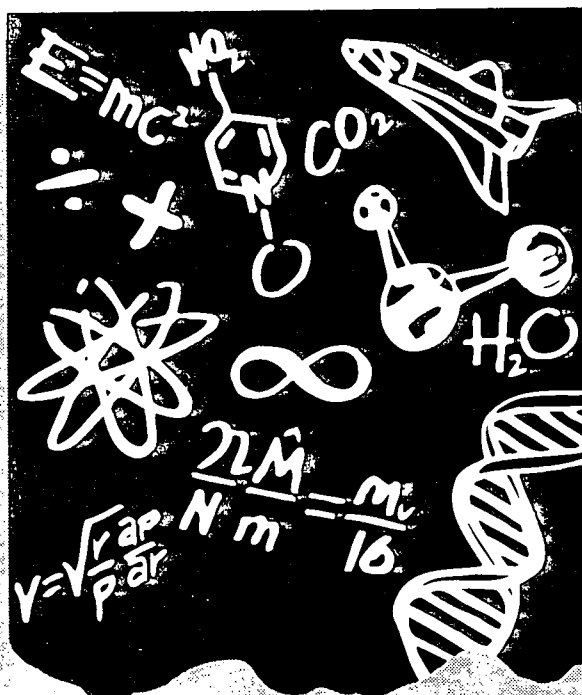
Science and Technology for Children, a curriculum project of the National Science Resource Center, is producing a complete program of science instruction for children in grades 1-6. The 24 units involve children in hands-on investigations of scientific phenomena that enable them to learn by doing.

National Science Resource Center  
Arts and Industries Building, Room 1201  
Smithsonian Institution  
Washington, DC 20560  
(202) 357-2555/Fax: (202) 786-2028

**Smithsonian Institution Student Programs**

The Office of Elementary and Secondary Education (OESE) each year conducts an internship program for graduating high school seniors. Young people from around the country spend 5 weeks working and learning under the guidance of Smithsonian scientists and other experts.

Office of Elementary and Secondary Education  
Smithsonian Institution  
Arts and Industry Building, Room 1163  
Washington, DC 20560  
(202) 357-2425/Fax: (202) 357-2116



### SECTION THREE

## STATE HIGHLIGHTS

# ALABAMA

## DEPARTMENT OF AGRICULTURE (USDA)

### Ag In the Classroom State Leaders

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Jane Alice Lee  
2101 Bell Road  
Montgomery, AL 36117  
(205) 272-2611

Brenda Summerlin  
Department of Agriculture and Industries  
P.O. Box 3336  
Montgomery, AL 36193  
(205) 240-3135/Fax: (205) 240-3135

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gregory K. Hulchins,  
Extension Assistant Director  
4-H Youth Development Programs  
108 Duncan Hall  
Auburn, AL 36849

## DEPARTMENT OF COMMERCE (DOC)

### Weeks Bay National Estuarine Research Reserve

The Weeks Bay National Estuarine Research Reserve offers onsite and outreach education programs.

Education Coordinator  
Weeks Bay National Estuarine Research Reserve  
10936-B, U.S. Highway 98  
Fairhope, AL 36532  
(205) 928-9792

## DEPARTMENT OF DEFENSE (DOD)

### U.S. Army Aviation Museum

Guided tours and lectures depict the transformation of aviation technology from 1918 to the present.

U.S. Army Aviation Museum  
P.O. Box 610  
Fort Rucker, AL 36362-5134  
(205) 255-4443

## DEPARTMENT OF EDUCATION (ED)

### SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(919) 334-3211/Fax: (919) 334-3268  
(800) 755-3277

### SERVE Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Francena Cummings, Director  
SERVE Consortium for Mathematics and Science Education  
345 South Magnolia Drive, Suite D-23  
Tallahassee, FL 32301-2950  
(904) 922-2300/Fax: (904) 922-2286  
(800) 854-0476

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.



**SEA**

Cecil Bobo, Federal Programs Coordinator  
Eisenhower Mathematics and Science Program  
Alabama Department of Education  
5348 Gordon Persons Building  
50 North Ripley Street  
Montgomery, AL 36130-3901  
(205) 242-8199/Fax: (205) 242-2236

**SAHE**

Dr. Elizabeth C. French  
Eisenhower Mathematics and Science Program  
Alabama Commission on Higher Education  
One Court Square, Suite 221  
Montgomery, AL 36197-0001  
(205) 269-2700/Fax: (205) 263-3335

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Maureen C. Cassidy  
Alabama Facilitator Project  
Division of Professional Services  
Gordon Persons Building, Room 5069  
50 North Ripley Street  
Montgomery, AL 36130-3901  
(205) 242-9834/Fax: (205) 242-9708

**DEPARTMENT OF ENERGY (DOE)**

The Department of Energy has no major field facility in Alabama; however, DOE is affiliated with programs and partnerships in the State.

U.S. Department of Energy Regional Office  
Attention: Betsy Palmer  
730 Peachtree Street NE.  
Atlanta, GA 30308  
(404) 347-2696/Fax: (404) 347-3098

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management  
Eastern States Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Jerry deBin, Project WET Coordinator  
Alabama Division of Game and Fish  
64 North Union Street  
Montgomery, AL 36130  
(205) 242-3623

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jerry deBin, Project WILD Coordinator  
Alabama Division of Game and Fish  
64 North Union Street  
Montgomery, AL 36130  
(205) 242-3623

**Russell Cave National Monument**

Programs include guided tours that focus on the anthropology and geology of Russell Cave National Monument.

Division of Interpretation  
Russell Cave National Monument  
Route 1, Box 175  
Bridgeport, AL 35740  
(205) 495-2672

**Wheeler National Wildlife Refuge**

Wheeler National Wildlife Refuge programs include guided tours and lectures that focus on wildlife management.

Visitor Center  
Wheeler National Wildlife Refuge  
Route 4, Box 250  
Decatur, AL 35603  
(205) 353-7243

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Alice McKinney, Acting Director  
Alabama Department of Economic  
and Community Affairs  
Job Training Division  
401 Adams Avenue  
P.O. Box 5690  
Montgomery, AL 36103-5690  
(205) 242-5846/Fax: (205) 242-5515

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO-17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763-7500/Fax: (404) 763-7178

**Federal Aviation Administration (FAA)****Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Alabama Aviation and Technical College  
Megan Johnson, Director  
Learning Resource Center  
P.O. Box 1209  
Ozark, AL 36361  
(205) 774-5113

Aviation Education Resource Center  
University of North Alabama  
Michele R. Walker, Programming Coordinator  
UNA Box 5145  
Florence, AL 35632-0001  
(205) 760-4623

Aviation Education Resource Center  
University Aviation Association  
Gary W. Kiteley, Executive Director  
3410 Skyway Drive  
Opelika, AL 36801  
(205) 844-2434

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE.  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Chief, Education Branch  
Public Affairs Office (CA21)  
NASA Marshall Space Flight Center  
Marshall Space Flight Center, AL 35812  
(205) 544-0213

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
U.S. Space and Rocket Center  
Huntsville, AL 35807  
(205) 544-5812

**Alabama Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Alabama Space Grant Consortium  
University of Alabama in Huntsville  
Materials Science Building, Room 205  
Huntsville, AL 35899  
(205) 895-6800

**ALASKA****DEPARTMENT OF AGRICULTURE (USDA)****Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Ted Berry  
University of Alaska  
P.O. Box 2889  
Palmer, AK 99645  
(907) 745-9752/Fax: (907) 745-9711

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dennis Crawford, 4-H State  
Program Leader  
University of Alaska at Fairbanks  
193 Arctic Health Research Building, Room 123  
Fairbanks, AK 99775-5200

**DEPARTMENT OF EDUCATION (ED)****Northwest Regional Educational Laboratory (NWREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school

improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

**Northwest Consortium for Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rob Larson, Director  
Northwest Consortium for Mathematics  
and Science Teaching  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9594/Fax: (503) 275-9489

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Dr. Cathy Carney  
Eisenhower Mathematics and Science Program  
Alaska Department of Education  
801 West 10th Street, Suite 200  
Juneau, AK 99801-1894  
(907) 465-2841/Fax: (907) 465-3396

**SAHE**

Peggy Cowan  
Eisenhower Mathematics and Science Program  
Alaska Department of Education  
801 West 10th Street, Suite 200  
Juneau, AK 99801-1894  
(907) 465-2841/Fax: (907) 465-3396

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Sandra Berry, Alaska State Facilitator  
Alaska Department of Education  
801 West 10th Street, Suite 200  
Juneau, AK 99801-1894  
(907) 465-2824/Fax: (907) 465-3396

## DEPARTMENT OF THE INTERIOR (DOI)

### **Anchorage, Alaska, Public Lands Information Center**

In addition to educational programs on the cultural and natural histories of Alaska, the Anchorage, Alaska, Public Lands Information Center loans educational materials to educators.

Anchorage, Alaska, Public Lands Information Center  
605 West Fourth Avenue  
Anchorage, AK 99501  
(907) 271-2737

### **Anchorage Earth Science Information Center**

The Anchorage Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Anchorage Earth Science Information Center  
4230 University Drive, Room 101  
Anchorage, AK 99508-4664  
(907) 786-7011

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Robert H. Jones  
Bureau of Land Management  
222 West Seventh Avenue, #13  
Anchorage, AK 99513-7599  
(907) 271-3404

### **Fairbanks, Alaska, Public Lands Information Center**

In addition to educational programs on the cultural and natural histories of Alaska, the Center loans educational materials to educators.

Fairbanks, Alaska, Public Lands Information Center  
250 Cushman Street, Suite 1A  
Fairbanks, AK 99701  
(907) 451-7352

**Fairbanks Earth Science Information Center**  
The Fairbanks Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Fairbanks Earth Science Information Center  
Box 12, New Federal Building  
Fairbanks, AK 99701  
(907) 456-0244

### **Glacier Bay National Park**

In addition to guided tours, Glacier Bay National Park rangers conduct in-school presentations.

Glacier Bay National Park  
P.O. Box 140  
Gustavus, AK 99826  
(907) 697-2230

### **Kenai National Wildlife Refuge**

The Kenai National Wildlife Refuge offers teacher workshops on environmental education relating to wetlands management. Interpretive trails, curriculum materials, and an outdoor education center are also available.

Kenai National Wildlife Refuge  
P.O. Box 2139  
Soldotna, AK 99669-2139  
(907) 262-7021

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Colleen Matt, Project WILD Coordinator  
Alaska Department of Fish and Game  
333 Raspberry Road  
Anchorage, AK 99518-1599  
(907) 267-2241

### **Tetlin National Wildlife Refuge**

The Tetlin National Wildlife Refuge teacher workshops promote education in wildlife management and environmental issues. Curriculum materials and programs for students are also available.

Tetlin National Wildlife Refuge  
P.O. Box 779  
Tok, AK 99780  
(907) 883-5312

**Yukon Delta National Wildlife Refuge**

The Yukon Delta National Wildlife Refuge teacher workshops promote education in wildlife management and environmental issues. College credit for these workshops is available. Yukon Delta also hosts an extensive video library.

Outdoor Recreation Planner  
Yukon Delta National Wildlife Refuge  
P.O. Box 346  
Bethel, AK 99559  
(907) 842-5402

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

William Mailer  
Rural Development Division  
Alaska Department of Community  
and Regional Affairs  
333 West Fourth Avenue, Suite 220  
Anchorage, AK 99501-2341  
(907) 269-4659/Fax: (907) 269-4520

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)  
Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Mary Lou Wojtalik, AAL-5B  
222 West Seventh Avenue, Box 14  
Anchorage, AK 99513-7587  
(907) 271-5293/Fax: (907) 276-7261

**Federal Aviation Administration (FAA) Aviation  
Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
University of Alaska at Fairbanks  
Elmer E. Rasmuson Library  
Dennis Stephens, Collection Development  
Officer  
Fairbanks, AK 99775-1006  
(907) 474-6695

Aviation Education Resource Center  
Alaska Pacific University  
Dr. Rusty Myers, Project Director  
4101 University  
Anchorage, AK 99508  
(907) 564-8207

Aviation Education Resource Center  
University of Alaska at Anchorage  
Barbara Sokolov, Library Director  
3211 Providence Drive  
Anchorage, AK 99508  
(907) 786-1825

**ENVIRONMENTAL PROTECTION AGENCY  
(EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1200 Sixth Avenue, Mail Stop SO-141  
Seattle, WA 98101  
(206) 553-1207/Fax: (206) 553-1809

**NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.



Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

#### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

#### **Alaska Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Alaska Space Grant Consortium  
University of Alaska at Fairbanks  
223 Duckering Building  
Fairbanks, AK 99775-0660  
(907) 474-6833

## **ARIZONA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Deborah Flowers  
3401 East Elwood Street  
Phoenix, AZ 85040-1625  
(602) 470-0088/Fax: (602) 470-0178

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Frank Williams, Assistant Director  
Arizona 4-H Youth Development  
University of Arizona  
2033 East Speedway  
Tucson, AZ 85719

### **DEPARTMENT OF EDUCATION (ED)**

#### **Far West Laboratory (FWL) for Educational Research and Development**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director  
Far West Laboratory for Educational  
Research and Development  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 565-3012

#### **Far West Eisenhower Regional Consortium for Science and Mathematics Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director  
Far West Eisenhower Regional Consortium  
for Science and Mathematics Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 241-2746

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Stephen H. Merrill, State Coordinator  
Eisenhower Mathematics and Science Program  
Arizona Department of Education  
1535 West Jefferson Street  
Phoenix, AZ 85007  
(602) 542-2147/Fax: (602) 542-3100

**SAHE**

Dr. Ed Johnson  
Eisenhower Mathematics and Science Program  
Arizona Board of Regents  
2020 North Central Avenue, Suite 230  
Phoenix, AZ 85004  
(602) 229-2500/2560/Fax: (602) 255-4099

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. L. Leon Webb  
Arizona Facilitator Project  
Education Diffusion Systems, Inc.  
161 East First Street  
Mesa, AZ 85201  
(602) 969-4880/Fax: (602) 898-8527

**DEPARTMENT OF ENERGY (DOE)**

**Western Area Power Administration**

The Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs. The Phoenix Field Office offers a video program for students.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

**DEPARTMENT OF THE INTERIOR (DOI)**

**Bureau of Land Management State Office**

The Bureau of Land Management State Office participates in the Color Country Nature Camp Program for students and provides information about educational programs, materials, and local land-management issues. Information is also available on facilities, such as the Dankworth Pond Outdoor Learning Center and the San Pedro Riparian National Conservation Area.

Education Coordinator  
Bureau of Land Management  
3707 North Seventh Street  
P.O. Box 16563  
Phoenix, AZ 85011  
(602) 640-5504

**Glen Canyon Dam Visitor Center**

Guided and self-guided tours of the Glen Canyon Dam are available to school groups. Brochures in Braille and headphones are also available for individuals who are visually impaired.

Public Affairs Office  
Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

**Hoover Dam Exhibit Building**

In addition to tours of the Hoover Dam, the exhibit building houses interpretive exhibits about the environment.

Public Affairs Office  
Hoover Dam LCD-140  
P.O. Box 427  
Boulder City, NV 89005  
(702) 293-8419

**Imperial National Wildlife Refuge**

The Imperial National Wildlife Refuge offers a variety of outreach and onsite environmental education activities for students of all ages.

Imperial National Wildlife Refuge  
P.O. Box 72217  
Martinez Lake, AZ 85365  
(602) 783-3371

**Lake Mead National Recreation Area**

Environmental educational programs are offered for grades 1-6. Pre- and postvisit curriculum materials are provided.

Division of Interpretation  
Lake Mead National Recreation Area  
601 Nevada Highway  
Boulder City, NV 89005  
(702) 293-8906

**Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's

existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Larry Sullivan, Associate Director  
Water Resources Research Center  
350 North Campbell Avenue  
Tucson, AZ 85721  
(602) 792-9591

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Cheryl Mollohan, Project WILD Coordinator  
Arizona Game and Fish Department  
2221 West Greenway  
Phoenix, AZ 85023  
(602) 789-3238

### **Saguaro National Monument**

Courses in anthropology and natural history are available during the school year, as are guided tours and walks at the Saguaro National Monument.

Division of Interpretation  
Saguaro National Monument  
3693 South Old Spanish Trail  
Tucson, AZ 85730  
(602) 670-6680

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

James B. Griffith, Acting Assistant Director  
Division of Employment and Rehabilitation  
Services  
1789 West Jefferson  
P.O. Box 6123, Suite 901A  
Phoenix, AZ 85005  
(602) 542-4910/Fax: (602) 542-2273

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Hank Verbais, AWP-5  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-1431/Fax: (310) 297-0125

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Embry-Riddle Aeronautical University  
Karen Hudson, Educational Programs  
Coordinator  
3200 North Willow Creek Road  
Prescott, AZ 86301  
(602) 771-6673

Aviation Education Resource Center  
South Mountain High School  
Lew Davis, Program Manager  
Center for Aerospace Education  
5401 South Seventh Street  
Phoenix, AZ 85040  
(602) 271-3439

Aviation Education Resource Center  
Pima Community College  
Tony Gulielmino, Aviation Department Chair  
1668 South Research Loop Road  
Tucson, AZ 85730  
(602) 884-6186

Aviation Education Resource Center  
Flandrau Science Center  
University of Arizona  
Attention: Gilbert McLaughlin  
Tucson, AZ 85721  
(602) 621-4515

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

**NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Lunar and Planetary Laboratory  
NASA Regional Teacher Resource Center  
University of Arizona  
Tucson, AZ 85721-0001  
(602) 621-6939/6947

**Arizona Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Arizona Space Grant Consortium  
University of Arizona  
Lunar and Planetary Lab, Room 329B  
Tucson, AZ 85721  
(602) 621-8556

## ARKANSAS

**DEPARTMENT OF AGRICULTURE (USDA)****Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Philip Besonen  
GE 310  
University of Arkansas  
Fayetteville, AR 72701  
(501) 575-4270/Fax: (501) 575-4681

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Frank T. Plafcan, 4-H State Leader  
2201 Brookwood, P.O. Box 391  
University of Arkansas  
Little Rock, AR 72203

## DEPARTMENT OF EDUCATION (ED)

### Southwest Educational Development Laboratory (SEDL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development  
Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement  
of Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### SEA

Dr. Charles Watson  
Eisenhower Mathematics and Science Program  
Arkansas Department of Education  
#4 State Capitol Mall, Room. 107-A  
Little Rock, AR 72201  
(501) 682-4474/Fax: (501) 682-4668

#### SAHE

Suzanne Mitchell  
Eisenhower Mathematics and Science Program  
Arkansas Department of Higher Education  
114 East Capitol Avenue  
Little Rock, AR 72201  
(501) 324-9300/Fax: (501) 324-9308

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Jo Cheek, State Facilitator  
Arkansas Department of Education  
Office of the Director  
Four State Capitol Mall, Room 204-B  
Little Rock, AR 72210  
(501) 682-4568/Fax: (501) 682-1146

## DEPARTMENT OF THE INTERIOR (DOI)

### Arkansas Post National Memorial

The Arkansas Post National Memorial offers guided nature walks and lectures that focus on archeology, biology, water conservation and ecology, and anthropology.

Division of Interpretation  
Arkansas Post National Memorial  
Route 1, Box 16  
Gillett, AR 72055  
(501) 548-2207

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Pat Knighten, Project WILD Coordinator  
Arkansas Game and Fish Commission  
Two Natural Resources Drive  
Little Rock, AR 72205  
(501) 223-6405



## DEPARTMENT OF LABOR (DOL)

### Job Training Partnership Act Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

William D. Gaddy, Administrator  
Arkansas Employment Security Division  
201 Capitol Mall, Room 506  
Little Rock, AR 72203  
(501) 682-2121/Fax: (501) 682-3713

## DEPARTMENT OF TRANSPORTATION (DOT)

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Debra Myers, ASW-5  
4400 Blue Mound Road  
Fort Worth, TX 76193-0005  
(817) 624-5804/Fax: (817) 740-3260

### Federal Aviation Administration (FAA) Aviation Education Resource Center

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Crowley's Ridge Education Service Cooperative  
Attention: Louis Midkiff  
P.O. Box 377  
Harrisburg, AR 72432  
(501) 578-5426

## ENVIRONMENTAL PROTECTION AGENCY (EPA)

### EPA Regional Office

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 655-2200/Fax: (214) 655-2118

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

### NASA Field Center

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Chief, Education Branch  
Public Affairs Office (CA21)  
NASA Marshall Space Flight Center  
Marshall Space Flight Center, AL 35812  
(205) 544-0213

### NASA Teacher Resource Center

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
U.S. Space and Rocket Center  
Huntsville, AL 35807  
(205) 544-5812

### NASA Regional Teacher Resource Center

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Arkansas at Little Rock  
Natural Sciences Building, Room 215  
2801 South University  
Little Rock, AR 72204  
(501) 569-3259

### Arkansas Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a

balanced program of research, education, and public service.

Arkansas Space Grant Consortium  
University of Arkansas at Little Rock  
College of Science and Engineering  
Technology  
Natural Sciences Building, Room 215  
2801 South University Avenue  
Little Rock, AR 72204  
(501) 569-8212

## NATIONAL SCIENCE FOUNDATION (NSF)

### Statewide Systemic Initiatives Program

Objectives for Arkansas' Statewide Systemic Initiatives Program are to eliminate barriers that hinder student success in mathematics, raise achievement levels, and inform the public of the importance of quality science and mathematics education. This project will implement large-scale teacher training and provide appropriate technology to each classroom.

Edward Crowe  
Suzanne Mitchell  
Arkansas Department of Higher Education  
114 East Capitol Avenue  
Little Rock, AR 72201  
(501) 324-9300/Fax: (501) 324-9308

John Fincher  
Arkansas Department of Education  
Four State Capitol Mall  
Little Rock, AR 72201  
(501) 682-4205

# CALIFORNIA

## DEPARTMENT OF AGRICULTURE (USDA)

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Mark Linder  
California Foundation for Ag in the Classroom  
1601 Exposition Boulevard, FB 16  
Sacramento, CA 95815  
(916) 924-4380/Fax: (916) 923-5318

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Kenneth R. Farrell, Vice President  
300 Lakeside Drive, Sixth Floor  
University of California  
Oakland, CA 94612-3560

## DEPARTMENT OF COMMERCE (DOC)

### Channel Islands National Marine Sanctuary

The Channel Islands National Marine Sanctuary offers a student internship program, a comprehensive marine science program for 5th-grade students in the Santa Barbara school system, and a variety of educational materials. In-school presentations may also be arranged.

Education Coordinator  
Channel Islands National Marine Sanctuary  
113 Harbor Way  
Santa Barbara, CA 93109  
(805) 966-7107/Fax: (805) 568-1582

### Elkhorn Slough National Estuarine Research Reserve

The Elkhorn Slough National Estuarine Research Reserve offers teacher workshops, teacher guided tours, and curriculum materials.

Education Coordinator  
Elkhorn Slough National Estuarine Research Reserve  
1700 Elkhorn Road  
Watsonville, CA 95076  
(408) 728-2822/Fax: (408) 728-1056

### Gulf of the Farallones National Marine Sanctuary

The Gulf of the Farallones National Marine Sanctuary offers annual science workshops for teachers. The Whale Bus, a traveling exhibit, offers hands-on activities and visits schools upon request.

Education Coordinator  
Gulf of the Farallones National Marine Sanctuary  
Fort Mason Building, Room 201  
San Francisco, CA 94123  
(415) 556-3509/Fax: (415) 556-1419

### **Monterey Bay National Marine Sanctuary**

This recently designated sanctuary will create education programs in the coming year.

Education Coordinator  
Monterey Bay National Marine Sanctuary  
2560 Garden Road, #101  
Monterey, CA 93940  
(408) 647-4208

### **Southwest Fisheries Science Center**

The Southwest Fisheries Science Center offers guided tours of its laboratory and in-school presentations.

Susan E. Smith  
National Marine Fisheries Service  
National Oceanic and Atmospheric  
Administration  
Southwest Fisheries Science Center  
8604 La Jolla Shores Drive, P.O. Box 271  
La Jolla, CA 92038  
(619) 546-7070

### **Tijuana River National Estuarine Research Reserve**

The Tijuana River National Estuarine Research Reserve offers teacher training courses and student programs, which include nature walks and classes.

Education Coordinator  
Tijuana River National Estuarine Research  
Reserve  
301 Caspian Way  
Imperial Beach, CA 91932  
(619) 575-3613/Fax: (619) 575-6913

### **DEPARTMENT OF DEFENSE (DOD)**

#### **Civil Engineer Corps—Seabee Museum**

Designed to highlight the importance of engineering in the Naval forces, the Seabee Museum exhibits the history and technology of various projects of the Civil Engineer Corps. Tours are available upon request.

Civil Engineer Corps—Seabee Museum  
Naval Construction Battalion Center  
Port Hueneme, CA 93043  
(805) 982-5165

#### **Naval Base, San Diego**

The Naval Base at San Diego is involved with the Personal Excellence Partnership Program, and

operates various co-op apprenticeship and volunteer-assistance programs for high school students in the San Diego area.

COMNAVBASE, San Diego  
Commander, Naval Base  
Attention: Fred Larson/Code 012  
San Diego, CA 92132-5100  
(619) 532-1514

#### **Naval Base, San Francisco**

The Naval Base at San Francisco is involved with the Personal Excellence Partnership Program, and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the San Francisco area.

COMNAVBASE, San Francisco  
Personal Excellence Program Coordinator  
San Francisco, CA 94130-5018  
(415) 395-3929

### **DEPARTMENT OF EDUCATION (ED)**

#### **Far West Laboratory (FWL) for Educational Research and Development**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director  
Far West Laboratory for Educational  
Research and Development  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 565-3012

#### **Far West Eisenhower Regional Consortium for Science and Mathematics Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director  
Far West Eisenhower Regional Consortium  
for Science and Mathematics Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 241-2746

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State

Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Dr. Gayland Jordan  
Eisenhower Mathematics and Science Program  
California Department of Education  
721 Capitol Mall, Third Floor  
Sacramento, CA 94244-2720  
(916) 657-4863 /Fax: (916) 323-3865

#### **SAHE**

Linda Barton White  
Eisenhower Mathematics and Science Program  
California Postsecondary Education  
Commission  
1303 J Street, Suite 500  
Sacramento, CA 95814  
(916) 322-7984/Fax: (916) 327-4417

#### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Susan Boiko, California State Facilitator  
Association of California School Administrators  
1575 Old Bayshore Highway  
Burlingame, CA 94010  
(415) 692-4300/Fax: (415) 692-1508

#### **National Center for Research on Cultural Diversity and Second Language Learning**

The National Center for Research on Cultural Diversity and Second Language Learning addresses the problem of low levels of success in education among linguistically and culturally diverse populations, including low levels of achievement in science and mathematics and subsequent underrepresentation in these fields.

National Center for Research on Cultural  
Diversity and Second Language Learning  
University of California at Santa Cruz  
Kerr Hall  
Santa Cruz, CA 95064  
(408) 459-3501

#### **DEPARTMENT OF ENERGY (DOE)**

##### **Energy Technology Engineering Center**

The Energy Technology Engineering Center supports DOE national educational programs.

Loren Stone  
Energy Technology Engineering Center  
P.O. Box 7930, 6633 Canoga  
Canoga Park, CA 91309  
(818) 586-5497/Fax: (818) 586-5118

##### **Lawrence Berkeley Laboratory**

Lawrence Berkeley Laboratory works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Various outreach programs are also available.

Roland Otto, Director  
Lawrence Berkeley Laboratory  
Center for Science and Engineering Education  
Cyclotron Road, Building 938C  
Berkeley, CA 94720  
(510) 486-5325/Fax: (510) 486-6660

##### **Lawrence Livermore National Laboratory**

Lawrence Livermore National Laboratory works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Teacher workshops and research apprenticeships, student internships, and numerous other programs are also managed at the Laboratory.

Eileen Vergino, Programs  
Lawrence Livermore National Laboratory  
P.O. Box 808  
Livermore, CA 94550  
(510) 424-0548/Fax: (510) 373-0142

##### **National Energy Research Supercomputer Center**

Students and teachers are eligible to participate in the Center's National Education Supercomputer Program.

Susan Wiebe, Administrator  
National Energy Research Supercomputer  
Center  
Lawrence Livermore National Laboratory  
700 East Avenue, P.O. Box 5509  
Livermore, CA 94550  
(510) 423-9394/Fax: (510) 423-5951

### Naval Petroleum Reserves in California

Naval Petroleum Reserves in California offers student internship and apprenticeship programs, software loans, and science fairs.

Todd Goode  
U.S. Department of Energy  
Naval Petroleum Reserves in California  
P.O. Box 11, 28590 Highway 119  
Tupman, CA 93276  
(805) 763-6067/Fax: (805) 763-6699

### Sandia National Laboratory (California)

Sandia National Laboratory (California) works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Teacher workshops and research apprenticeships, student internships, and numerous other programs are also managed through the Laboratory.

Karen P. Scott  
Education Outreach Program Manager  
Sandia National Laboratory  
P.O. Box 969  
Livermore, CA 94551  
(510) 294-3760/Fax: (510) 294-1526

### Stanford Linear Accelerator Center

Stanford Linear Accelerator Center works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Teacher workshops are offered in the summer.

P.A. Moore, Education Officer  
Stanford Linear Accelerator Center  
P.O. Box 4349, Bin-81  
Stanford, CA 94309  
(415) 926-3826/Fax: (415) 926-4500

### Western Area Power Administration

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs. The Sacramento Field Office offers teacher training programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

## DEPARTMENT OF THE INTERIOR (DOI)

### Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs and materials. Information about local programs managed by district offices, such as the Hollister Resource Area Office, is also available.

Education Coordinator  
Bureau of Land Management  
2800 Cottage Way, E-2841  
Sacramento, CA 95825  
(916) 978-4746

### Channel Islands National Park

The Channel Islands National Park offers environmental programs, including guided walks; lectures; a video; and teacher workshops.

Division of Interpretation  
Channel Islands National Park  
1901 Spinnaker Drive  
Ventura, CA 93001  
(805) 658-5730

### Death Valley National Monument

Death Valley National Monument offers environmental programs, including guided walks, lectures, and hands-on activities.

Division of Interpretation  
Death Valley National Monument  
Death Valley, CA 92328  
(619) 786-2331

### Folsom Dam

Guided tours of Folsom Dam are provided by the Bureau of Reclamation.

Public Affairs Office, Mid-Pacific Region  
Bureau of Reclamation  
Federal Office Building  
2800 Cottage Way  
Sacramento, CA 95825-1846

### Golden Gate Recreation Area

Golden Gate Recreation Area offers curriculum-based programs that are led by trained staff who stress outdoor activities. Teacher guides that detail pre- and postvisit activities are available for each program.



Division of Interpretation  
Golden Gate National Recreation Area  
Fort Mason, Building 201  
San Francisco, CA 94123  
(415) 556-0865

#### **Joshua Tree National Monument**

Joshua Tree National Monument manages several ranger-led natural-science oriented educational programs that are available both onsite and in the classroom.

Division of Interpretation  
Joshua Tree National Monument  
74485 National Monument Drive  
Twentynine Palms, CA 92277-3597  
(619) 367-7511

#### **Lassen Volcanic National Park**

Lassen Volcanic National Park offers guided walks, lectures, a museum, and hands-on activities that focus on anthropological and geological aspects of the Park. In-school presentations may be requested.

Division of Interpretation  
Lassen Volcanic National Park  
P.O. Box 100  
Mineral, CA 96063-0100  
(916) 595-4444

#### **Lava Beds National Monument**

Programs include guided walks that focus on anthropological and geological aspects of the Park.

Yvonne McMillan, Interpretative Ranger  
Lava Beds National Monument  
P.O. Box 867  
Tulelake, CA 96134  
(916) 667-2282

#### **Menlo Park Earth Science Information Center**

The Menlo Park Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Menlo Park Earth Science Information Center  
Building 3, Room 3128, Mail Stop 532  
345 Middlefield Road  
Menlo Park, CA 94025-3591  
(415) 329-4309

#### **New Melones Lake Visitor Center**

The New Melones Lake Visitor Center will be offering an interpretive program by summer 1994. The program's focus will be the historical and archaeological cultural resources at the New Melones Project.

Public Affairs Office, Mid-Pacific Region  
Bureau of Reclamation  
Federal Office Building  
2800 Cottage Way  
Sacramento, CA 95825-1846  
(916) 978-4919

#### **Point Reyes National Seashore**

Both the South and North Districts of the Point Reyes National Seashore offer environmental education programs for both teachers and students. The Clem Miller Environmental Education Center is available to educators and students for a 5-day wilderness awareness program.

Education Programs  
Division of Interpretation  
Point Reyes National Seashore  
Point Reyes Station, CA 94956  
(415) 663-1200

#### **Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, ground-water flow models, and a series of children's story and action books.

Rita Sudman  
Water Education Foundation  
717 K Street, Suite 517  
Sacramento, CA 95814  
(916) 444-6240

#### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Elena Tarailo, Project WILD Coordinator  
California Department of Fish and Game  
1416 Ninth Street  
Sacramento, CA 95814  
(916) 653-9843

**Redwood National Park**

Redwood National Park offers environmental education activities. Guided tours and lectures are also available.

Division of Interpretation  
Redwood National Park  
1111 Second Street  
Crescent City, CA 95531  
(707) 464-6101

**San Francisco Bay National Wildlife Refuge**

An environmental education center in the San Francisco Bay National Wildlife Refuge offers extensive programs for students and teachers. Interpretive trails and other services are also available.

Public Use Manager  
San Francisco Bay National Wildlife Refuge  
P.O. Box 524  
Newark, CA 94560  
(510) 792-0222

**San Luis Reservoir Visitor Center**

The San Luis Reservoir Visitor Center offers interpretive tours and exhibits of this joint State-Federal reclamation project.

Public Affairs Office  
Mid-Pacific Region  
Bureau of Reclamation  
Federal Office Building  
2800 Cottage Way  
Sacramento, CA 95825-1846

**Sequoia and Kings Canyon National Parks**

Sequoia and Kings Canyon National Parks offer guided tours, lectures, and environmental education activities, as well as in-class presentations.

Division of Interpretation  
Sequoia and Kings Canyon National Parks  
Three Rivers, CA 93271-9700  
(209) 565-3131

**Shasta Dam Visitor Center**

The Shasta Dam Visitor Center offers tours and exhibits of the Dam's construction, the management of the Central Valley Project, and the area's fish and wildlife resources.

Public Affairs Office, Mid-Pacific Region  
Bureau of Reclamation  
Federal Office Building  
2800 Cottage Way  
Sacramento, CA 95825-1846  
(916) 978-4737

**Yosemite National Park**

Yosemite National Park offers cultural history programs in the fall and natural history programs in the spring. Both programs provide hands-on activities as well as curriculum materials. Teachers may assist in curriculum development during the summer. Yosemite also offers guided tours, lectures, and an extensive Junior Ranger Program.

Division of Interpretation  
Yosemite National Park  
P.O. Box 577  
Yosemite National Park, CA 95389  
(209) 372-0291

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Thomas Nagle, Director  
California Department of Employment  
Development  
800 Capitol Mall, MIC 83  
Sacramento, CA 95814  
(916) 654-8210/Fax: (916) 657-5294

**DEPARTMENT OF TRANSPORTATION (DOT)**

**Federal Aviation Administration (FAA)**

**Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Hank Verbais, AWP-5  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-1431/Fax: (310) 297-0125

# **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Apple Valley Science and Technology Center  
Rick Piercy, Coordinator  
P.O. Box 2968, 15552 Wichita  
Apple Valley, CA 92307  
(619) 242-3514

Aviation Education Resource Center  
San Jose State University  
Nick Milichevich, Chairman  
Department of Aviation  
1 Washington Square  
San Jose, CA 95192-0081  
(408) 924-6580

Aviation Education Resource Center  
Museum of Flying  
Attention: Harvey Ferer  
2772 Donald Douglas Loop North  
Santa Monica, CA 90405  
(310) 392-8822

Aviation Education Resource Center  
San Bernardino County Superintendent of  
Schools  
Nancy Harlan, Coordinator  
Instructional Services Division  
601 North East Street  
San Bernardino, CA 92410-3093  
(714) 387-3152

Aviation Education Resource Center  
Riverside County Office of Education  
Mary Ann Liette, Coordinator of ERC  
3939 13th Street  
Riverside, CA 92502-0868  
(909) 788-6684

# **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

## **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street, Mail Stop E2  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

# **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

## **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

Richard Alvidrez  
Manager, Public Education  
Jet Propulsion Laboratory  
4800 Oak Grove Drive, Mail Code 180-205  
Pasadena, CA 91109  
(818) 354-8592

Nancy Lovato  
Public Affairs Officer  
Public Affairs Office, T42  
NASA Dryden Flight Research Facility  
Edwards AFB, CA 93523-0273  
(805) 258-3448

## **NASA Teacher Resource Centers**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

NASA Jet Propulsion Laboratory  
Teacher Resource Center  
JPL Education Outreach  
4800 Oak Grove Drive, Mail Code CS-530  
Pasadena, CA 91109  
(818) 354-6916

NASA Dryden Flight Research Facility  
Public Affairs Office (Trl. 42)  
NASA Teacher Resource Center  
Edwards AFB, CA 93523  
(805) 258-3456

### California Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

California Space Grant Consortium  
University of California at San Diego  
California Space Institute  
9500 Gilman Drive, Mail Code 0216  
LaJolla, CA 92093-0216  
(619) 534-5869

### NATIONAL SCIENCE FOUNDATION (NSF)

#### Statewide Systemic Initiatives Program

Bringing together top State leadership, California's Statewide Systemic Initiatives Program is addressing barriers to improving K-6 science education and middle school mathematics education, with an emphasis on the full participation of under-represented groups. Other objectives include gaining public support, developing and promoting elementary science instruction, and making mathematics curriculum and instruction consistent with National Council of Teachers of Mathematics standards.

Tom Sachse  
California Department of Education  
721 Capitol Mall  
Sacramento, CA 95814  
(916) 657-2914/Fax: (916) 657-3724

Mareen DiMarco  
Secretary, Child Development and Education  
1121 K Street, Suite 600  
Sacramento, CA 95814  
(916) 323-0611/Fax: (916) 323-7132

State Superintendent of Schools  
California Department of Education  
721 Capitol Mall  
Sacramento, CA 95814  
(916) 657-2914/Fax: (916) 657-3724

## COLORADO

### DEPARTMENT OF AGRICULTURE (USDA)

#### Ag In the Classroom State Leaders

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Helen Davis  
Colorado Department of Agriculture  
700 Kipling, #4000  
Lakewood, CO 80215-5894  
(303) 239-4114/Fax: (303) 866-4073

Bette Blinde  
28276 WRC15  
Windsor, CO 80550  
(303) 686-7806

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. William L. Peterson, Assistant Director  
4-H Youth Development  
Colorado State University  
123 Aylesworth Hall NW.  
Fort Collins, CO 80523

### DEPARTMENT OF COMMERCE (DOC)

#### Environmental Research Laboratories

The Environmental Research Laboratories offer guided tours, curriculum materials, and in-class presentations.

Barbara J. McGehan  
Office of Oceanic and Atmospheric Research  
National Oceanic and Atmospheric  
Administration  
Environmental Research Laboratories  
325 Broadway  
Boulder, CO 80303-3328  
(303) 497-6634

### **National Institute of Standards and Technology**

The National Institute of Standards and Technology conducts basic and applied research in the physical sciences and engineering. Although the majority of education programs are designed for graduate-level students, some educational outreach is available at the undergraduate and precollege levels.

Mary Bruner  
National Institute of Standards and Technology  
325 Broadway, Mail Stop 360.06  
Boulder, CO 80303  
(303) 497-5507

### **DEPARTMENT OF EDUCATION (ED)**

#### **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

C.L. Hutchins, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### **Eisenhower High Plains Consortium for Mathematics and Science**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium  
for Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### **SEA**

Mattye Pollard-Cole  
Eisenhower Mathematics and Science Program  
Colorado Department of Education  
201 East Colfax Avenue  
Denver, CO 80203  
(303) 866-6763/Fax: (303) 830-0793

### **SAHE**

Dr. Sharon Samson, Academic Officer  
Colorado Commission on Higher Education  
1300 Broadway, Second Floor  
Denver, CO 80203  
(303) 866-2723/Fax: (303) 860-9750

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Charles D. Beck, Jr.  
The Education Diffusion Group  
3800 York Street-Unit B  
Denver, CO 80205  
(303) 322-9323/Fax: (303) 322-9475

### **DEPARTMENT OF ENERGY (DOE)**

#### **National Renewable Energy Laboratory**

National Renewable Energy Laboratory manages partnership programs, conferences, summer programs for students, teacher workshops, and academic competitions.

Linda Lung, Education Programs Administrator  
1617 Cole Boulevard, Building 17  
Golden, CO 80401-3933  
(303) 231-7044/Fax: (303) 231-1997

#### **Rocky Flats Plant**

Rocky Flats Plant sponsors teacher workshops and programs for students, along with a variety of outreach assistance and support programs.

Eileen Jemison, Educational Outreach  
Coordinator  
Community Relations, Rocky Flats Plant  
P.O. Box 464  
Golden, CO 80402-0464  
(303) 966-2302/Fax: (303) 966-6153



Laura Schachter  
DOE Rocky Flats Office  
P.O. Box 928  
Golden, CO 80402-0928  
(303) 966-2200

**Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

**DEPARTMENT OF THE INTERIOR (DOI)**

**Anasazi Heritage Center**

The Anasazi Heritage Center provides resources and classroom activities in such areas as archaeology, geography, science, history, and English.

Anasazi Heritage Center  
27501 Highway 184  
P.O. Box 758  
Dolores, CO 81323  
(303) 882-4811

**Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Public Affairs Specialist  
Bureau of Land Management  
Colorado State Office  
Office of External Affairs  
2850 Youngfield Street  
Lakewood, CO 80215  
(303) 239-3671

**Bureau of Reclamation Hydraulic Laboratory**

The Bureau of Reclamation Hydraulic Laboratory offers tours and demonstrations of working models of reclamation projects, including the modern and unique instrumentation and testing equipment used by engineers and scientists.

Research Director  
Bureau of Reclamation  
P.O. Box 25007 (D-3700)  
Denver, CO 80225-0007  
(303) 236-5981

**Colorado National Monument**

The Colorado National Monument offers guided walks and teacher guides that focus primarily on environmental education and geology.

Division of Interpretation  
Colorado National Monument  
Fruita, CO 81521  
(303) 858-3617

**Curecanti National Recreation Area**

In the spring and fall, Curecanti National Recreation Area offers environmental education outreach programs for grades K-8. Curriculum materials are provided for both teachers and students. Educators may choose in-class presentations or onsite day field trips.

Curecanti National Recreation Area  
102 Elk Street  
Gunnison, CO 81230  
(303) 641-2337

**Lakewood Earth Science Information Center**

The Lakewood Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Lakewood ESIC  
Denver Federal Center  
Box 25046, Building 810  
Denver, CO 80225-0046  
(303) 236-5829

**Mesa Verde National Park**

The Mesa Verde National Park offers guided tours and teacher guides for educators. Programs concentrate primarily on anthropology and history.

Division of Interpretation  
Mesa Verde National Park  
P.O. Box 8  
Mesa Verde National Park, CO 81330  
(303) 529-4465

**Morrow Point Dam Visitor Center**

Located on the Gunnison River, the Morrow Point Dam Visitor Center offers information and self-guided tours of the facility.

Public Affairs Office, Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

### **Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Chris Bridges, Project WET Coordinator  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
(303) 866-3441

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Carol Bylsma, Project WILD Coordinator  
Colorado Division of Wildlife  
6060 North Broadway  
Denver, CO 80216  
(303) 291-7262

### **Ridgeway Dam Visitor Center**

The Ridgeway Dam Visitor Center offers self-guided nature walks and educational programs for students.

Public Affairs Office, Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

### **Rocky Mountain National Park**

Programs at the Rocky Mountain National Park include guided nature tours and lectures that focus on geology, ecology, and environmental education.

Division of Interpretation  
Rocky Mountain National Park  
Estes Park, CO 80517  
(303) 586-2371

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training

Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Leslie S. Franklin, Executive Director  
Governor's Job Training Office  
720 South Colorado Boulevard, Suite 550  
Denver, CO 80222  
(303) 758-5020/Fax: (303) 758-5578

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelly Larson, ANM-5E  
1601 Lind Avenue SW.  
Renton, WA 98055  
(206) 227-2804/Fax: (206) 227-1005

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
U.S. Space Foundation  
Dr. Jerry Brown, Educational Director  
1525 Vapor Trail  
Colorado Springs, CO 80916  
(719) 550-1000

Aviation Education Resource Center  
Metropolitan State College of Denver  
Jonathan R. Burke, Assistant Professor  
Aerospace Science Department  
Campus Box 30, P.O. Box 173362  
Denver, CO 80217-3362  
(303) 556-2923

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental

issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop 8OEA  
Denver, CO 80202-2405  
(303) 293-1113/Fax: (303) 294-7665

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office (AP-4)  
NASA Johnson Space Center  
Houston, TX 77058  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-4  
Houston, TX 77058  
(713) 483-8696

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

U.S. Space Foundation  
NASA Regional Teacher Resource Center  
2860 South Circle Drive, Suite 2301  
Colorado Springs, CO 80906-4184  
(719) 576-8000

### **Colorado Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Colorado Space Grant Consortium  
University of Colorado at Boulder  
Campus Box 520  
Boulder, CO 80309-0520  
(303) 492-3141

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

The Colorado Statewide Systemic Initiatives Program, Pursuing Equity, Achievement, and Knowledge for Students in Mathematics and Science Education (PEAKS), seeks to develop a centralized enabling structure for bottom-up changes by making extensive use of existing, successful efforts. This program uses the State's "local catalyst partnership," regional collaboratives, and a State infrastructure to engage the public, link standards development with actual change, and provide leadership.

Richard Laughlin  
Colorado Department of Education  
201 East Colfax Avenue  
Denver, CO 80203  
(303) 866-6820/Fax: (303) 830-0793

Henry Heikkinen  
Department of Chemistry  
University of Northern Colorado  
Greeley, CO 80639  
(303) 351-1289/Fax: (303) 351-1269

# **CONNECTICUT**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag in the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in

conjunction with assistance from agribusiness, educational institutions, and government.

John R.H. Blum  
Connecticut Department of Agriculture  
165 Capitol Avenue, Room 273  
Hartford, CT 06106  
(203) 566-4667/Fax: (203) 566-6576

Dr. Alfred Mannebach  
University of Connecticut  
249 Glenbrook Road  
Storrs, CT 06269-2093  
(203) 486-0246

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gene Whaples  
Assistant Director, 4-H  
University of Connecticut  
1376 Storrs Road, Box U-36  
Storrs, CT 06269-4036

### **DEPARTMENT OF DEFENSE (DOD)**

#### **Nautilus Memorial/Submarine Force Library and Museum**

This facility displays the evolution of submarine development from the Revolutionary War to modern class-submarines. Visitors can tour the *Nautilus*, the world's first nuclear submarine. Tours may be arranged in advance for groups of 25 or more.

NAVSUBASE Box 571  
Crystal Lake Road  
Groton, CT 06349-5000  
(203) 449-3174/(800) 343-0079

#### **Naval Submarine Base, New London**

The New London Naval Base is involved with the Personal Excellence Partnership Program and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the New London area.

Personal Excellence Program Coordinator  
Naval Submarine Base New London  
Groton, CT 06349-5100  
(203) 921-2541

### **DEPARTMENT OF EDUCATION (ED)**

#### **Regional Laboratory for Educational Improvement of the Northeast and Islands**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational  
Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

#### **Regional Alliance for Systemic Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Maï Muri  
Eisenhower Mathematics and Science Program  
Connecticut Department of Education  
P.O. Box 2219  
Hartford, CT 06145  
(203) 566-2931/Fax: (203) 566-5623

**SAHE**

Mark Ojakian, Director, Legislative Services  
Eisenhower Mathematics and Science Program  
Connecticut Department of Higher Education  
61 Woodland Street  
Hartford, CT 06105  
(203) 566-3640/Fax: (203) 566-7865

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Jonathan P. Costa, Connecticut Facilitator  
RESCUE Education Service Center  
355 Goshen Road, P.O. Box 909  
Litchfield, CT 06759-0909  
(203) 567-0863/Fax: (203) 567-3381

**DEPARTMENT OF THE INTERIOR (DOI)**

**Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Diane A. Chisnall-Joy, Environmental  
Curriculum Coordinator  
Department of Environmental Protection  
165 Capitol Avenue  
Hartford, CT 06106  
(203) 566-8108

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training

Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

John E. Saunders, Deputy Commissioner  
Connecticut State Department of Labor  
200 Folly Brook Boulevard  
Wethersfield, CT 06109  
(203) 566-4280/Fax: (203) 566-1520

**DEPARTMENT OF TRANSPORTATION (DOT)**

**Federal Aviation Administration (FAA)  
Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelia Bauer, ANE-45  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7379/Fax: (617) 238-7007

**Federal Aviation Administration (FAA)  
Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Connecticut DOT Bureau of Aviation and Ports  
Andre J. Libert, Director of Marketing for  
Aviation  
24 Wolcott Hill Road, P.O. Drawer A  
Wethersfield, CT 06129  
(203) 566-4417

**ENVIRONMENTAL PROTECTION AGENCY  
(EPA)**

**EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.



Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey  
Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

### **Connecticut Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Connecticut Space Grant Consortium  
University of Hartford, South Cottage  
200 Bloomfield Avenue  
West Hartford, CT 06117  
(203) 768-4849

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

Connecticut's Statewide Systemic Initiatives Program includes the Connecticut Academy for Education in Mathematics, Science, and Technology; curriculum revisions; collaboration among teacher education programs and science centers; public science literacy projects; and projects designed to involve businesses with school districts.

Richard Cole  
Director, Connecticut Academy  
178 Cross Street  
Middletown, CT 06457  
(203) 346-1177/Fax: (203) 346-2157

Susan Binkowski, Project Director  
State Department of Education  
P.O. Box 2219  
Hartford, CT 06145  
(203) 566-2931/Fax: (203) 566-5623

# **DELAWARE**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag In the Classroom State Leader**

Ag In the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

G. Wallace Caulk, Jr.  
Delaware Farm Bureau  
233 South Dupont Highway  
Camden-Wyoming, DE 19934  
(302) 697-3183/Fax: (302) 697-1428

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Joy G. Sparks, Interim Assistant Director  
Human Resources  
Townsend Hall, University of Delaware  
Newark, DE 19717-1303

## **DEPARTMENT OF EDUCATION (ED)**

### **Research for Better Schools, Inc. (RBS)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John E. Hopkins, Executive Director  
Research for Better Schools, Inc.  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### **Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium  
for Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Dr. William J. Geppert  
Eisenhower Mathematics and Science Program  
Delaware Department of Public Instruction  
John G. Townsend Building, P.O. Box 1402  
Dover, DE 19903  
(302) 739-4888/Fax: (302) 739-4221

#### **SAHE**

Dr. Ludwig Mosberg  
Eisenhower Mathematics and Science Program  
University of Delaware  
101A Willard Hall, College of Education  
Newark, DE 19717  
(302) 831-1274/Fax: (302) 292-3569

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Linda Y. Welsh  
State Facilitator Project  
Delaware Department of Public Instruction  
John G. Townsend Building  
Management and Information Division  
P.O. Box 1402  
Dover, DE 19901  
(302) 739-4583/Fax: (302) 739-3092

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Bombay Hook National Wildlife Refuge**

Programs at the Bombay Hook National Wildlife Refuge include guided tours and lectures that center on wildlife management. Habitat studies programs are also available.

Division of Interpretation  
Bombay Hook National Wildlife Refuge  
Route 1, Box 147  
Smyrna, DE 19977  
(302) 653-9345

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Nancy Rolli, Project WILD Coordinator  
Department of Natural Resources, I&E  
P.O. Box 1401  
Dover, DE 19903  
(302) 739-4506

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Louis A. Masci, Director  
Delaware Department of Labor  
Division of Employment and Training  
University Plaza, P.O. Box 9499  
Newark, DE 19714-9499  
(302) 368-6810/Fax: (302) 368-6995

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Jim Szakary, AEA-17  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-1056/Fax: (718) 553-0058

**Federal Aviation Administration (FAA)****Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Delaware Teachers Center  
Attention: Stephanie Wright  
Claymont Education Campus  
3401 Green Street  
Claymont, DE 19703  
(302) 798-3806

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The EPA regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to

in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey, Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

**NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Delaware Teacher Center  
Claymont Education Campus  
NASA Regional Teacher Resource Center  
3401 Green Street  
Claymont, DE 19703  
(302) 792-3806

### **Delaware Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Delaware Space Grant Consortium  
Bartol Research Institute  
University of Delaware  
217 Sharp Laboratory  
Newark, DE 19716-4793  
(302) 831-1094

### **NATIONAL SCIENCE FOUNDATION (NSF)**

#### **Statewide Systemic Initiatives Program**

A primary component of Delaware's Statewide Systemic Initiatives Program is curriculum frameworks. Key objectives include crafting assessment systems that drive and measure desired student performances and building a school and community culture that supports rigorous teaching and learning.

Helen Foss  
Department of Public Instruction  
P.O. Box 1402  
Dover, DE 19903-1402  
(302) 739-3721/Fax: (302) 739-2916

Paul LeMahieu, Director  
Delaware Educational Research and  
Development Center  
University of Delaware  
Newark, DE 19716  
(302) 831-1274/Fax: (302) 831-3569

## **DISTRICT OF COLUMBIA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Maurice Dorsey, Interim Program Leader  
University of the District of Columbia  
901 Newton Street NE.  
Washington, DC 20017

### **DEPARTMENT OF COMMERCE (DOC)**

#### **National Oceanic and Atmospheric Administration (NOAA)**

The National Oceanic and Atmospheric Administration coordinates agency-wide efforts to educate the public about Earth-systems science and to increase awareness of the Agency's mission.

Arva Jackson  
Chief, Educational Affairs Division  
National Oceanic and Atmospheric  
Administration  
Universal South Building, Room 329  
1825 Connecticut Avenue NW.  
Washington, DC 20535  
(202) 606-4381

### **DEPARTMENT OF DEFENSE (DOD)**

#### **The Navy Museum**

The Navy Museum displays the many facets of naval technology from submarine warfare to missile and artillery development. Historical aspects of the evolution of naval weaponry and technology are also a major focus. Visitors may tour an actual destroyer, the *USS Barry*. Guided tours are available by appointment.

The Navy Museum  
Building 76, Washington Navy Yard  
Washington, DC 20374-0571  
(202) 433-4882

#### **Walter Reed Army Institute of Research**

The Walter Reed Army Institute of Research offers science and engineering internships designed for high school students.

Marvin Rogul, Associate Director  
Research Marketing and Policy Development  
Walter Reed Army Institute of Research  
Washington, DC 20307-5100  
(202) 576-3061

### **DEPARTMENT OF EDUCATION (ED)**

#### **Research for Better Schools, Inc. (RBS)**

The Regional Educational Laboratory identifies effective teaching techniques and school

improvement efforts within the region and shares this information with State and local educators.

John E. Hopkins, Executive Director  
Research for Better Schools, Inc.  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

#### **Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium  
for Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

##### **SEA**

Dr. Bonnie M. Smith  
Eisenhower Mathematics and Science Program  
D.C. Public Schools  
415 12th Street NW., Room 1004  
Washington, DC 20004  
(202) 724-4234/Fax: (202) 727-6314

##### **SAHE**

Jean Green  
Eisenhower Mathematics and Science Program  
Office of Postsecondary Education  
Research and Assistance Branch  
2100 Martin Luther King, Jr. Avenue SE.  
Suite 401  
Washington, DC 20020  
(202) 727-3685

#### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by

identifying suitable NDN programs and assists with training and installation.

Susan C. Williams, District Facilitator Project  
Eaton School  
34th and Lowell Streets NW.  
Washington, DC 20008  
(202) 282-0056/Fax: (202) 282-1127

Charles Nunley, Private School Facilitator  
Council for American Private Education  
1726 M Street, NW., Suite 1102  
Washington, DC 20036  
(202) 659-0177/Fax: (202) 659-0018

#### **DEPARTMENT OF ENERGY (DOE)**

The Department of Energy sponsors after-school programs.

U.S. Department of Energy  
1000 Independence Avenue SW.  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

#### **DEPARTMENT OF THE INTERIOR (DOI)**

##### **Washington, D.C., Earth Science Information Center**

The Washington, D.C., Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Washington, D.C., Earth Science Information Center  
U.S. Department of the Interior  
1849 C Street NW., Room 2650  
Washington, DC 20240  
(202) 208-4047

#### **DEPARTMENT OF LABOR (DOL)**

##### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Daryl Hardy, Deputy Director  
Training and Development  
D.C. Department of Employment Services  
500 C Street NW., Suite 600  
Washington, DC 20001  
(202) 639-1698/Fax: (202) 639-1357



## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Jim Szakary, AEA-17  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-1056/Fax: (718) 553-0058

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey  
Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

### **NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

National Air and Space Museum  
Smithsonian Institution  
Education Resource Center, MRC-305  
Washington, DC 20560  
(202) 786-2109

University of the District of Columbia  
NASA Regional Teacher Resource Center  
4200 Connecticut Avenue NW., Mail Stop 4201  
Washington, DC 20008  
(202) 282-7338

### **District of Columbia Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

District of Columbia Space Grant Consortium  
Department of Chemistry  
Howard University  
Washington, DC 20059  
(202) 806-4891

## **SMITHSONIAN INSTITUTION**

### **National Science Resource Center**

The library at the National Science Resource Center contains a comprehensive collection of

effective science teaching resource materials. The collection holds more than 5,000 volumes, including materials developed by national curriculum projects, school systems, commercial publishers, and science museums. Educators interested in visiting the library may call to make arrangements.

National Science Resource Center  
Smithsonian Institution  
Arts and Industries Building, Room 1201  
Washington, DC 20560  
(202) 357-2555/Fax: (202) 786-2028

#### **National Air and Space Museum**

The National Air and Space Museum's Educational Services Division provides various services to science educators, including collections-based curriculum materials and workshops to assist teachers in utilizing the many museum resources.

National Air and Space Museum  
Educational Services Division  
MRC 305  
Washington, DC 20560  
(202) 357-1504

#### **National Museum of Natural History/Museum of Man**

Through outreach programs, the National Museum of Natural History/Museum of Man is actively involved in science education. The Museum's Office of Education sponsors a science institute for teachers of minority students and offers internships for high school students. Three science resource centers are open to the public: the Naturalist Center, the Orkin Insect Zoo, and the Living Marine Ecosystem.

Office of Education  
National Museum of Natural History  
10th Street and Constitution Avenue NW.  
MRC 158  
Washington, DC 20560  
(202) 357-2066/Fax: (202) 786-2778

#### **National Zoological Park**

At the precollege level, the Zoo's education department offers programs, self-guiding materials, learning lab sessions, and teacher workshops. The *National Zoo News* is a yearly newspaper that contains useful teacher information.

Office of Education and Volunteer Services  
National Zoological Park  
Smithsonian Institution  
Washington, DC 20008  
(202) 673-4955

## **FLORIDA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Doty Wenzel  
545 East Tennessee  
Black Building, Room 206  
Tallahassee, FL 32308  
(904) 487-4973/Fax: (904) 922-2189

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. John Rutledge, Interim Assistant Dean  
4-H and Youth Development  
University of Florida  
P.O. Box 110520  
Gainesville, FL 32611-0520

### **DEPARTMENT OF COMMERCE (DOC)**

#### **Apalachicola Bay National Estuarine Research Reserve**

The Apalachicola Bay National Estuarine Research Reserve offers onsite and outreach education programs, including natural history field trips and classroom estuarine curricula.

Education Coordinator  
Apalachicola Bay National Estuarine Research Reserve  
261 Seventh Street  
Apalachicola, FL 32320  
(904) 653-8063/2297

### **Atlantic Oceanographic and Meteorological Laboratory**

The Atlantic Oceanographic and Meteorological Laboratory manages a speakers bureau for in-school presentations. The Laboratory also supports a partnership program with local schools.

Dr. Howard A. Friedman (Hurricane Information)  
Atlantic Oceanographic and Meteorological Laboratory  
National Oceanic and Atmospheric Administration  
Hurricane Research Division  
4301 Rickenbacker Causeway, Virginia Key  
Miami, FL 33149  
(305) 361-4400

Dr. George A. Maul (Oceanographic Information)  
Atlantic Oceanographic and Meteorological Laboratory  
National Oceanic and Atmospheric Administration  
Physical Oceanography Division  
4301 Rickenbacker Causeway, Virginia Key  
Miami, FL 33149  
(305) 361-4343

### **Florida Keys National Marine Sanctuary**

The Florida Keys National Marine Sanctuary offers onsite (in-the-water) interpretive programs for students of all ages. In-school presentations may also be arranged. This sanctuary manages Key Largo and Looe Key education programs.

Education Coordinator  
Florida Keys National Marine Sanctuary  
9499 Overseas Highway  
Marathon, FL 33050  
(305) 743-2437/Fax: (305) 743-2357

### **Marine Fisheries Southeast Regional Office**

The Marine Fisheries Southeast Regional Office supports a partnership program with local schools and coordinates a speaker's bureau in which marine biologists visit the classroom.

Dan Furlong, Deputy Regional Director  
National Marine Fisheries Service, Southeast Region  
National Oceanic and Atmospheric Administration  
9450 Koger Boulevard  
St. Petersburg, FL 33702-2432  
(813) 893-3141

### **Rookery Bay National Estuarine Research Reserve**

In addition to workshops for teachers and environmental professionals, the Rookery Bay National Estuarine Research Reserve also provides field studies, onsite boat tours for students, and outreach programs.

Education Coordinator  
Rookery Bay National Estuarine Research Reserve  
10 Shell Island Road  
Naples, FL 33962  
(813) 775-8845/Fax: (813) 775-7606

## **DEPARTMENT OF DEFENSE (DOD)**

### **Air Force Armament Museum**

The Air Force Armament Museum displays the advancement of technology in missile and rocket science. Exhibits include missiles, launching and targeting systems, and the historical aspects of rocket science. Tours are available upon request.

Air Force Armament Museum  
646 ABW-AM  
100 Museum Drive  
Eglin Air Force Base, FL 32542-5000  
(904) 882-4062

### **Naval Air Station, Jacksonville**

The Naval Air Station at Jacksonville is involved with the Personal Excellence Partnership Program and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the Jacksonville area.

COMNAVAVNACTS, Jacksonville  
Personal Excellence Program Coordinator  
P.O. Box 102 NAS  
Jacksonville, FL 32212-0102  
(904) 772-5380

### **National Museum of Naval Aviation**

The National Museum of Naval Aviation is dedicated to the aviation history of the Navy, the Marine Corps, and the Coast Guard. Exhibits include an actual bridge and flight deck of an aircraft carrier as well as numerous exhibits that focus on the technology of naval aeronautics. Tours are available upon request.

National Museum of Naval Aviation  
Naval Air Station  
Pensacola, FL 32508-6800  
(904) 452-3604

#### **Naval Air Station, Pensacola**

The Naval Air Station at Pensacola is involved with the Personal Excellence Partnership Program and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the Pensacola area.

Chief of Naval Technical Training  
Naval Air Station  
Pensacola, FL 32508-5100  
(904) 452-1291

#### **Naval Training Center, Orlando**

The Naval Training Center at Orlando is involved with the Personal Excellence Partnership Program and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the Orlando area.

Naval Training Center Orlando  
Building 2001  
Orlando, FL 32813-5005  
(407) 646-4530

### **DEPARTMENT OF EDUCATION (ED)**

#### **SouthEastern Regional Vision for Education (SERVE)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(919) 334-3211/Fax: (919) 334-3268  
(800) 755-3277

SERVE, Florida  
345 South Magnolia Drive, Suite D-23  
Tallahassee, FL 32301-2950  
(904) 922-2300/Fax: (904) 922-2286  
(800) 352-6001

#### **SERVE Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Francena Cummings, Director  
SERVE Consortium for Mathematics and Science Education  
345 South Magnolia Drive, Suite D-23  
Tallahassee, FL 32301-2950  
(904) 922-2300/Fax: (904) 922-2286  
(800) 854-0476

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Peggy Primicerio  
Eisenhower Mathematics and Science Program  
Florida Department of Education  
Florida Education Center, Suite 522  
Tallahassee, FL 32399  
(904) 488-6547/Fax: (904) 488-3691

#### **SAHE**

Dr. Lewis W. Wagar, Director  
Postsecondary Education, Policy Unit  
Eisenhower Mathematics and Science Program  
Florida Department of Education  
Florida Education Center-1701 Capitol  
Tallahassee, FL 32399  
(904) 488-1812/Fax: (904) 561-6231

#### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Judy Bishop, Florida State Facilitator  
Florida Department of Education  
424 FEC  
325 West Gaines Street  
Tallahassee, FL 32399-0400  
(904) 487-1078/Fax: (904) 487-0716

## **DEPARTMENT OF ENERGY (DOE)**

### **Pinellas Plant**

Pinellas Plant programs are available to educators and students. In addition to its science center, Pinellas sponsors outreach programs such as science fairs and adopt-a-school.

Shirley Cheatham, Manager, Public Affairs  
Martin Marietta Specialty Components  
Pinellas Plant  
P.O. Box 2908  
Largo, FL 34649-2908  
(813) 541-8263/Fax: (813) 545-6299

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Biscayne National Park**

The Biscayne National Park operates the Adam Key Environmental Education Center, which offers environmental education programs for students. Teachers must attend a workshop prior to participating in the program.

Environmental Coordinator  
Biscayne National Park  
P.O. Box 1369  
Homestead, FL 33090  
(305) 242-9601

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Canaveral National Seashore**

Canaveral National Seashore offers environmental education, as well as natural and cultural history programs on both ends of the Barrier Island. Guided tours and teacher guides are also available.

Division of Interpretation  
Canaveral National Seashore  
308 Julia Street  
Titusville, FL 32796-3521  
(407) 267-1110

### **Everglades National Park**

The Everglades National Park operates six sites that each manage environmental education programs, including teacher workshops that offer college or professional credit. Guided tours, lectures, and comprehensive curriculum materials are also available.

Division of Interpretation  
Everglades National Park  
P.O. Box 279  
Homestead, FL 33030  
(305) 245-6211

### **Fort Caroline National Monument**

The Fort Caroline National Monument offers onsite programs for students and in-school presentations during the school year. Programs emphasize natural resource issues found in the school curricula.

Division of Interpretation  
Fort Caroline National Monument  
12713 Fort Caroline Road  
Jacksonville, FL 32225  
(904) 641-7115

### **Gulf Islands National Seashore**

Programs at the Gulf Islands National Seashore focus on environmental education and include nature walks, ranger lectures, and other activities. Teacher guides are also available upon request.

Division of Interpretation  
Gulf Islands National Seashore  
1801 Gulf Breeze Parkway  
Gulf Breeze, FL 32561  
(904) 934-2600

### **J.N. "Ding" Darling National Wildlife Refuge**

Guided tours and curriculum materials are available to educators at the J.N. "Ding" Darling National Wildlife Refuge.

Public Use Manager  
J.N. "Ding" Darling National Wildlife Refuge  
One Wildlife Drive  
Sanibel, FL 33957  
(813) 472-1100

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.



Tim Roach, Project WILD Coordinator  
 Florida Game and Freshwater Fish Commission  
 620 South Meridian Street  
 Tallahassee, FL 32399  
 (904) 488-4677

### **St. Marks National Wildlife Refuge**

St. Marks National Wildlife Refuge offers guided tours, teacher workshops, teacher guides, and in-class presentations.

Public Use Specialist  
 St. Marks National Wildlife Refuge  
 P.O. Box 68  
 St. Marks, FL 32355  
 (904) 925-6121

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Shirley Gooding, Secretary  
 Florida Department of Labor and Employment Security  
 2012 Capital Circle, Southeast  
 Suite 303, Hartman Building  
 Tallahassee, FL 32399-2152  
 (904) 922-7021/Fax: (904) 488-8930

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representatives**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
 Joe Sidney, ASO-17.4  
 3400 Norman Berry Drive  
 East Point, GA 30344  
 (404) 763-7500/Fax: (404) 763-7178

FAA Aviation Education Representative  
 Center for Management Development  
 Larry Hedman, CMD-373  
 4500 Palm Coast Parkway SE.  
 Palm Coast, FL 32137  
 (904) 446-7126/Fax: (904) 446-7201

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
 Embry-Riddle Aeronautical University  
 Attention: Patricia Fleener-Ryan  
 AvEd Teacher Resource Center  
 Daytona Beach, FL 32114  
 (904) 226-6499

Aviation Education Resource Center  
 Florida Institute of Technology  
 Dr. Ballard M. Barker, Head  
 Department of Aviation Studies  
 The School of Aeronautics  
 150 West University Boulevard  
 Melbourne, FL 32901-6988  
 (407) 768-8000, ext. 8120

Aviation Education Resource Center  
 Florida Memorial College  
 Anthony J. Sharp, Director  
 Division of Airway Science  
 15800 Northwest 42nd Avenue  
 Miami, FL 33054  
 (305) 623-1440

Aviation Education Resource Center  
 Center for Management Development  
 Attention: Larry Hedman, CMD-373  
 4500 Palm Coast Parkway SE.  
 Palm Coast, FL 32137  
 (904) 446-7126

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 345 Courtland Street NE.  
 Atlanta, GA 30365  
 (404) 347-3004/Fax: (404) 347-3721

**Environmental Research Laboratory**

The Florida Environmental Research Laboratory supports the Educational Research Center of the University of West Florida to build and enhance environmental education at the State and local levels. Programs for teachers and curriculum materials are being developed.

Betty Jackson  
U.S. Environmental Protection Agency  
Environmental Research Laboratory/ORD  
Sabine Island  
Gulf Breeze, FL 32561-3999  
(904) 934-9200

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak, Chief  
Education Services Branch  
NASA John F. Kennedy Space Center  
Mail Code PA-ESB  
Kennedy Space Center, FL 32899  
(407) 867-4444

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center  
Educators Resources Laboratory  
Mail Code ERL  
Kennedy Space Center, FL 32899  
(407) 867-4090

**Florida Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Florida Space Grant Consortium  
231 Aerospace Building  
University of Florida  
Gainesville, FL 32611-2031  
(904) 392-6750

**NATIONAL SCIENCE FOUNDATION (NSF)****Statewide Systemic Initiatives Program**

Florida's Statewide Systemic Initiatives Program is directed at restructuring K-8 science curriculum, including the integration of technology. Other aspects include less emphasis on paper and pencil tests and development of new approaches for teaching science in colleges and universities.

Jack Leppert  
Florida Department of Education  
325 West Gaines Street, Suite 344  
Tallahassee, FL 32399-0400  
(904) 922-4207/Fax: (904) 922-0028

**GEORGIA****DEPARTMENT OF AGRICULTURE (USDA)****Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Donna Reynolds  
Georgia Farm Bureau  
P.O. Box 7068  
Macon, GA 31298  
(912) 474-8411

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Donald E. Cowan, Acting Assistant Director  
4-H and Youth Development  
Hoke Smith Annex  
University of Georgia  
Athens, GA 30602

**DEPARTMENT OF COMMERCE (DOC)****Gray's Reef National Marine Sanctuary**

The Gray's Reef National Marine Sanctuary's Interpretive Center is located at the University of Georgia Aquarium on Skidaway Island. The Center offers classrooms, laboratories, exhibits, touch tanks, and lecture series for educators.

Education Coordinator  
Gray's Reef National Marine Sanctuary  
P.O. Box 13687  
Savannah, GA 31416  
(912) 598-2352/Fax: (912) 598-2302

**Sapelo Island National Estuarine Research Reserve**

The Sapelo Island National Estuarine Research Reserve offers education tours for school groups, including special archaeological and natural history tours. Reservations are required.

Education Coordinator  
Sapelo Island National Estuarine Research Reserve  
Georgia Department of National Resources  
Sapelo Island, GA 31327  
(912) 485-2251

**DEPARTMENT OF DEFENSE (DOD)****U.S. Army Signal Corps and Fort Gordon Museum**

The evolution of communications technology is the primary focus of the Fort Gordon Museum. Tours and lectures are available upon request.

U.S. Army Signal Corps and Fort Gordon Museum  
Attention: ATZH-SM  
Building 36305  
Fort Gordon, GA 30905-5273  
(706) 791-2818

**DEPARTMENT OF EDUCATION (ED)****SouthEastern Regional Vision for Education (SERVE)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(919) 334-3211/Fax: (919) 334-3268  
(800) 755-3277

SERVE, Georgia  
41 Marietta Street NW., Suite 1000  
Atlanta, GA 30303  
(404) 577-7737/Fax: (404) 577-7812  
(800) 659-3204

**SERVE Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Francena Cummings, Director  
SERVE Consortium for Mathematics and Science Education  
345 South Magnolia Drive, Suite D-23  
Tallahassee, FL 32301-2950  
(904) 922-2300/Fax: (904) 922-2286  
(800) 854-0476

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

James Conkright  
Eisenhower Mathematics and Science Program  
Georgia Department of Education  
1762 Twin Towers East  
Atlanta, GA 30334  
(404) 656-2403/Fax: (404) 656-5976

John Powell  
Eisenhower Mathematics and Science Program  
Georgia Department of Education  
1762 Twin Towers East  
Atlanta, GA 30334  
(404) 656-3435/Fax: (404) 651-8984

### **SAHE**

Dr. Peter S. Hoff  
Eisenhower Mathematics and Science Program  
Vice Chancellor for Academic Affairs  
University System of Georgia  
244 Washington Street SW.  
Atlanta, GA 30334  
(404) 656-2286/Fax: (404) 651-9301

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Frances Hensley  
Georgia Facilitator Center  
607 Aderhold Hall, UGA  
Carlton Street  
Athens, GA 30602-7145  
(706) 542-3332/3810/Fax: (706) 542-4032

### **DEPARTMENT OF ENERGY (DOE)**

The Department of Energy has no major field facility in Georgia, however, DOE is affiliated with programs and partnerships in the State.

U.S. Department of Energy Regional Office  
Attention: Betsy Palmer  
730 Peachtree Street NE.  
Atlanta, GA 30308  
(404) 347-2696/Fax: (404) 347-3098

### **DEPARTMENT OF THE INTERIOR (DOI)**

#### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Chattahoochee River National Recreation Area**

Programs at the Chattahoochee River National Recreation Area include nature walks, ranger lectures, and activities that focus on environmental education. The Chattahoochee Geosphere Center, a cooperative education facility, also offers

teacher workshops. Teacher guides are available upon request.

Division of Interpretation  
Chattahoochee River National Recreation Area  
1978 Island Ford Parkway  
Dunwoody, GA 30350  
(404) 952-4419

### **Piedmont National Wildlife Refuge**

Teacher workshops on environmental education are available at the Piedmont National Wildlife Refuge. Scheduled tours can be arranged upon request.

Public Use Manager  
Piedmont National Wildlife Refuge  
Route 1, Box 670  
Round Oak, GA 31038  
(912) 986-5411

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Ken Riddleberger, Project WILD Coordinator  
Georgia Wildlife Resources Division  
2111 Highway 278 SE.  
Social Circle, GA 30279  
(706) 557-3035

### **DEPARTMENT OF LABOR (DOL)**

#### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

David B. Poythress, Commissioner  
Georgia Department of Labor  
148 International Boulevard NE.  
Sussex Place, Room 600  
Atlanta, GA 30303  
(404) 656-3011/Fax: (404) 656-2683

### **DEPARTMENT OF TRANSPORTATION (DOT)**

#### **Federal Aviation Administration (FAA)**

##### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and

programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO-17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763-7500/Fax: (404) 763-7178

#### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Conyers Middle School  
Viki Dennard, Assistant Principal  
335 Sigman Road  
Conyers, GA 30207-3699  
(404) 483-3371

Aviation Education Resource Center  
Museum of Aviation at Robins AFB  
Joyce Carlton, Director of Education  
P.O. Box 2469  
Wamer Robins, GA 31099  
(912) 926-4242

Aviation Education Resource Center  
East Cobb Middle School  
Attention: Charles "Chuck" Nyren  
380 Holt Road  
Marietta, GA 30068  
(404) 971-8397

#### **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

##### **EPA Regional Office**

The EPA regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE.  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

#### **Environmental Research Laboratory**

Teacher fellowships, student summer camps, student employment programs, community partnerships, and in-school programs are offered through the Environmental Research Laboratory.

Environmental Research Laboratory  
U.S. Environmental Protection Agency  
906 College Station Road  
Athens, GA 30605-2720  
(706) 546-3524

#### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

##### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak, Chief  
Education Services Branch  
Mail Code PA-ESB  
NASA John F. Kennedy Space Center  
Kennedy Space Center, FL 32899  
(407) 867-4444

##### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center  
Educators Resources Laboratory  
Mail Code ERL  
Kennedy Space Center, FL 32899  
(407) 867-4090

##### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Southern College of Technology/GYSTC  
1100 South Marietta Parkway  
Marietta, GA 30060-2898  
(404) 528-6272



**Georgia Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Georgia Space Grant Consortium  
Georgia Institute of Technology  
Room 208, Savant Building  
Cherry Street  
Atlanta, GA 30332-0150  
(404) 894-8202

**NATIONAL SCIENCE FOUNDATION (NSF)****Statewide Systemic Initiatives Program**

Georgia's Statewide Systemic Initiatives Program includes five regional centers that link schools with university faculty. Program goals include increasing the success of underrepresented groups and developing teachers with strong pedagogical and content foundations, as well as recruiting and retaining a high-quality teaching force. Other goals include developing and implementing interdisciplinary curriculum and designing innovative assessment techniques.

Kathleen Bergin  
Michael Padilla  
212 Aderhold Building  
University of Georgia  
Athens, GA 30602  
(706) 542-1763/Fax: (706) 542-1212

**HAWAII****DEPARTMENT OF AGRICULTURE (USDA)****Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Ken Kajihara  
Department of Education  
49 Funchal Street, J-306  
Honolulu, HI 96813-1549  
(808) 373-3477

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Gary W. Gerhard, Program Leader  
4-H Youth Development  
University of Hawaii at Manoa  
3050 Maile Way  
Honolulu, HI 96822

**DEPARTMENT OF COMMERCE (DOC)****Hawaii Islands Humpback Whale National Marine Sanctuary**

Hawaii Islands Humpback Whale National Marine Sanctuary was recently designated a marine sanctuary. No onsite programs currently exist.

Jacqueline Rousseau, Sanctuaries and  
Reserves Division  
Office of Ocean and Coastal Resource  
Management  
NOS/NOAA  
1305 East West Highway  
Silver Spring, MD 20910  
(301) 713-3141

**Waimanu Valley National Estuarine Research Reserve**

Limited educational activities are offered at Waimanu Valley, which is accessible only by a rigorous 7.5 mile trail.

Education Coordinator  
Waimanu Valley National Estuarine Research  
Reserve  
Hawaii Division of Forestry and Wildlife  
P.O. Box 4849  
Hilo, HI 96720  
(808) 587-0054/Fax: (808) 587-0064  
(Honolulu)  
(808) 933-4221 (Hilo)

**DEPARTMENT OF DEFENSE (DOD)****Naval Base, Pearl Harbor**

The Naval Base at Pearl Harbor is involved with the Personal Excellence Partnership Program, and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the Honolulu area.

**CINCPACFLT, Pearl Harbor**  
 Personal Excellence Program Coordinator  
 Pearl Harbor, HI 96860-7000  
 (808) 474-5848

## **DEPARTMENT OF EDUCATION (ED)**

**Pacific Region Educational Laboratory (PREL)**  
 The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director  
 Pacific Region Educational Laboratory  
 828 Fort Street Mall, #500  
 Honolulu, HI 96813  
 (808) 533-6000/Fax: (808) 533-7599

### **Pacific Mathematics and Science Regional Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rick Davis, Director  
 Pacific Mathematics and Science  
 Regional Consortium  
 828 Front Street Mall, #500  
 Honolulu, HI 96813  
 (808) 533-6000/Fax: (808) 533-7599

**Eisenhower State Education Coordinators**  
 Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### **SEA**

Barbara Dougherty  
 Justin Mew  
 Eisenhower Mathematics and Science Program  
 189 Lunalilo Home Road, Second Floor  
 P.O. Box 2360  
 Honolulu, HI 96825  
 (808) 396-2567/Fax: (808) 548-5390

### **SAHE**

Dr. Phillip Whitesell  
 Eisenhower Mathematics and Science Program  
 University of Hawaii, College of Education  
 1776 University Avenue  
 Honolulu, HI 96825  
 (808) 956-7704

**National Diffusion Network (NDN) Facilitator**  
 The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Mona Vierra, State Facilitator  
 Department of Education  
 Office of Information and Telecommunication  
 Services  
 P.O. Box 2360  
 Honolulu, HI 96808  
 (808) 735-3107/Fax: (808) 735-5217

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Haleakala National Park**

Guided, environmental field trips for school groups are the primary activities offered at Haleakala National Park. Teacher guides and previsit materials are provided for field trip participants.

Division of Interpretation  
 P.O. Box 369  
 Makawao, Maui, HI 96768  
 (808) 572-9306

### **Hawaii Volcanoes National Park**

The Hawaii Volcanoes National Park offers nature and orientation walks to inform students about the geological mechanics of volcanoes.

Division of Interpretation  
 Hawaii Volcanoes National Park  
 P.O. Box 52  
 Hawaii Volcanoes National Park, HI 96718  
 (808) 967-7311

### **Kaloko-Honokohau National Historical Park**

Kaloko-Honokohau National Historical Park offers guided walks and activities to educate students about the geology, anthropology, biology, and history within the Park.

Division of Interpretation  
Kaloko-Honokohau National Historical Park  
73-4786 Kanalani Street, #14  
Kailua-Kona, HI 96740  
(808) 329-6881

### **Kaul National Wildlife Refuge Complex**

Guided tours and teacher guides that focus on environmental education are available upon request at the Kauai National Wildlife Refuge Complex.

Public Use Manager  
Kauai National Wildlife Refuge Complex  
P.O. Box 87, Kilauea  
Kauai, HI 96740  
(808) 828-1413

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Randy Honebrink, Project WILD Coordinator  
Hawaii Division of Aquatic Resources  
1151 Punchbowl Street  
Honolulu, HI 96813  
(808) 587-0111

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Keith W. Ahue, Director  
Hawaii Department of Labor and Industrial Relations  
830 Punchbowl Street, Room 320  
Honolulu, HI 96813  
(808) 586-9067/Fax: (808) 586-9099

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Hank Verbais, AWP-5  
P.O. Box 92007, Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-1431/Fax: (310) 297-0125

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Mid-Pacific Institute  
Attention: Dr. Phillip R. Brieske  
Aviation/Space Science  
2445 Kaala Street  
Honolulu, HI 96822  
(808) 973-5000

Aviation Education Resource Center  
State of Hawaii Department of Transportation  
Attention: Rodney M. Kuba, Airports Division  
Honolulu International Airport  
Gate 29, EWA Service Court Road  
Honolulu, HI 96819-1898  
(808) 836-6542

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street, Mail Stop E2  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering

national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

#### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

#### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Barbers Point Elementary School  
NASA Regional Teacher Resource Center  
Boxer Road  
Barbers Point Naval Air Station  
Ewa Beach, HI 96706  
(808) 682-0622

#### **Hawaii Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Hawaii Space Grant Consortium  
School of Ocean and Earth  
Science and Technology  
2525 Correa Road  
University of Hawaii at Manoa  
Honolulu, HI 96822  
(808) 956-3147

## **IDAHO**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Kathie Johnson  
Idaho Department of Agriculture  
P.O. Box U  
Twin Falls, ID 83303  
(208) 736-2188/Fax: (208) 334-2170

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Arlinda K. Nauman, State 4-H Director  
Morrill Hall, #103  
University of Idaho  
Moscow, ID 83843

### **DEPARTMENT OF EDUCATION (ED)**

#### **Northwest Regional Educational Laboratory (NWREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

#### **Northwest Consortium for Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rob Larson, Director  
Northwest Consortium for Mathematics  
and Science Teaching  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9594/Fax: (503) 275-9489

**Eisenhower State Education Coordinators**  
Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Dr. Tom C. Farley  
Eisenhower Mathematics and Science Program  
Idaho Department of Education  
Len B. Jordan Office Building  
Boise, ID 83720  
(208) 334-2281/Fax: (208) 334-2228

#### **SAHE**

Dr. Tom C. Farley  
Eisenhower Mathematics and Science Program  
Idaho Department of Education  
Len B. Jordan Office Building  
Boise, ID 83720  
(208) 334-2281/Fax: (208) 334-2228

**National Diffusion Network (NDN) Facilitator**  
The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Lianne Yamamoto, State Facilitator  
Idaho Department of Education  
Len B. Jordan Office Building  
Boise, ID 83720-3650  
(208) 334-3561/Fax: (208) 334-2228/2636

### **DEPARTMENT OF ENERGY (DOE)**

**Idaho National Engineering Laboratory**  
Idaho National Engineering Laboratory offers educators workshops and programs in computer and environmental sciences. Student summer camps are also available.

Tijuana Cochnauer  
Educational Outreach Manager  
DOE Field Office, Idaho  
785 DOE Place, MS 1214  
Idaho Falls, ID 83401  
(208) 526-9586/Fax: (208) 526-8789

### **DEPARTMENT OF THE INTERIOR (DOI)**

#### **Boise Interagency Fire Center**

The Boise Interagency Fire Center provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Boise Interagency Fire Center  
3905 Vista Avenue  
Boise, ID 83705  
(208) 389-2446

#### **Bureau of Land Management State Office**

The Bureau of Land Management State Office offers various environmental education and land-management programs, such as the Nose to Nose Program. Information about educational programs, materials, and local land-management issues is also available.

Education Coordinator  
Bureau of Land Management  
3880 Americana Terrace  
Boise, ID 83706  
(208) 384-3020

#### **Craters of the Moon National Monument**

Guided walks and teacher guides that focus on the geology of the area are available at the Craters of the Moon National Monument.

Division of Interpretation  
Craters of the Moon National Monument  
Box 29  
Arco, ID 83213  
(208) 527-3257

#### **Deer Flat National Wildlife Refuge**

An interpretation center at the Deer Flat National Wildlife Refuge displays exhibits and information about wildlife management. Guided walks and lectures are also available.

Deer Flat National Wildlife Refuge  
13751 Upper Embankment Road  
Nampa, ID 83686  
(208) 467-9278



**Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, ground-water flow models, and a series of children's story and action books.

Dorothea "Dotie" Kunz Shuman  
Project WET Coordinator  
IWRRI, 106 Morrill Hall  
University of Idaho  
Moscow, ID 83843  
(208) 885-6429

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

John Gahl, Project WILD Coordinator  
Idaho Fish and Game Department  
P.O. Box 25  
Boise, ID 83707  
(208) 334-2633/(800) 422-9453 (within Idaho)

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Connie Ryals, Director  
Idaho Department of Employment  
317 Main Street  
Boise, ID 83735-0001  
(208) 334-6110/Fax: (208) 334-6430

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

**FAA Aviation Education Representative**

Shelly Larson, ANM-5E  
1601 Lind Avenue SW.  
Renton, WA 98055  
(206) 227-2804/Fax: (206) 227-1005

**Federal Aviation Administration (FAA)****Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Idaho State Bureau of Aeronautics  
John Maakestad, Safety/Information Officer,  
Chief Pilot  
3483 Rickenbacker Street  
Boise, ID 83705-5018  
(208) 334-8775

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1200 Sixth Avenue, Mail Stop SO-141  
Seattle, WA 98101  
(206) 553-1207/Fax: (206) 553-1809

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

**NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Idaho at Moscow  
NASA Regional Teacher Resource Center  
Idaho Space Grant College Fellowship Program  
College of Education  
Moscow, ID 83843  
(208) 885-6030

**Idaho Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Idaho Space Grant Consortium  
College of Education  
University of Idaho  
Moscow, ID 83843  
(208) 885-5762

**ILLINOIS****DEPARTMENT OF AGRICULTURE (USDA)****Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership

provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Ellen Culver  
Illinois Farm Bureau  
1701 Towanda Avenue  
Bloomington, IL 61702-2901  
(309) 557-2219/Fax: (309) 557-2170

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. David D. Pyle  
Assistant Director, 4-H  
University of Illinois  
302 East John, Suite 1901  
Champaign, IL 61820

**DEPARTMENT OF DEFENSE (DOD)****Army Construction Engineering Research Laboratory**

The Army Construction Engineering Laboratory offers high school students and faculty members apprenticeship programs designed to increase scientific knowledge through hands-on experiences.

Equal Employment Office  
U.S. Army Construction Engineering Research Laboratory (USACERL)  
P.O. Box 9005  
Champaign, IL 61826-9005  
(217) 373-7279  
(800) 872-2375

**Rock Island Arsenal Museum**

Exhibits within the Rock Island Arsenal Museum illustrate the development of technology within the production of weaponry. Tours are available upon request.

Rock Island Arsenal Museum  
Attention: SMCRI-PCA-M  
Rock Island, IL 61299-5000  
(309) 782-5021

**DEPARTMENT OF EDUCATION (ED)****North Central Regional Educational Laboratory (NCREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational  
Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

**Midwest Consortium for Mathematics and Science**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics  
and Science  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Warren Lionberger, Manager  
Program Support Section  
Eisenhower Mathematics and Science Program  
Illinois State Board of Education  
100 North First Street  
Springfield, IL 62777-0001  
(217) 782-3810/Fax: (217) 524-6125

**SAHE**

Dr. James C. Forstall, Associate Director  
for Academic Affairs  
Eisenhower Mathematics and Science Program  
Illinois State Board of Higher Education  
500 Reisch Building  
Four West Old Capitol Square  
Springfield, IL 62701  
(217) 782-7184/Fax: (217) 782-8548

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Shirley Menendez, Project Director  
Statewide Facilitator Project  
1105 East Fifth Street  
Metropolis, IL 62960  
(618) 524-2664/Fax: (618) 524-3535

**DEPARTMENT OF ENERGY (DOE)****Argonne National Laboratory**

Argonne National Laboratory offers students research apprenticeship programs and sponsors contests, lectures, and video series, as well as educational conferences.

Sam Bowen, Acting Director  
Division of Educational Programs  
Argonne National Laboratory  
9700 South Cass Avenue, Building 223  
Argonne, IL 60439  
(708) 252-3374/Fax: (708) 252-3193

**Fermi National Accelerator Laboratory**

Fermi National Accelerator Laboratory offers field trips, teacher workshops, and numerous physics-based programs, along with instructional materials for the classroom.

Stanka Jovanovic, Manager  
Education Office  
Fermi National Accelerator Laboratory  
P.O. Box 500  
Batavia, IL 60510  
(708) 840-3092/Fax: (708) 840-8248

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Crab Orchard National Wildlife Refuge**

Wildlife management and environmental education are emphasized in summer teacher workshops and youth camps at the Crab Orchard National Wildlife Refuge. Guided tours and curriculum materials are available upon request.

Public Use Manager  
Crab Orchard National Wildlife Refuge  
P.O. Box J  
Carterville, IL 62918  
(618) 997-3344

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Kathleen M. Andrews  
Project WILD Coordinator  
Kids for Conservation  
Illinois Department of Conservation  
524 South Second Street, Room 515  
Springfield, IL 62701-1787  
(217) 524-4126

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Herbert D. Dennis, Manager  
JTPA Programs Division  
Illinois Department of Commerce and Community Affairs  
620 East Adams, Sixth Floor  
Springfield, IL 62701  
(217) 785-6006/Fax: (217) 785-6454

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including aviation education materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Lee Carlson, AGL-5A  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7184

**Federal Aviation Administration (FAA) Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Parks College of St. Louis University  
Dr. Peggy Baty, Associate Vice President and Dean  
500 Falling Springs Road  
Cahokia, IL 62206  
(618) 337-7500

Aviation Education Resource Center  
Southern Illinois University  
Attention: Dr. Elaine Vitello  
College of Technical Careers, Room 222  
Carbondale, IL 62901  
(618) 453-8821

Aviation Education Resource Center  
State of Illinois  
Attention: Richard M. Ware, Division of Aeronautics  
One Langhorne Bond Drive, Capital Airport  
Springfield, IL 62707-8415  
(217) 785-8516

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental

issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Lynn Bondurant  
Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135  
(216) 433-5583

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135  
(216) 433-2017

### **NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Chicago Museum of Science and Industry  
NASA Regional Teacher Resource Center  
57th Street and Lakeshore Drive  
Chicago, IL 60637-2093  
(312) 684-1414, ext. 2426

Parks College of St. Louis University  
NASA Regional Teacher Resource Center  
Route 157 and Falling Springs Road  
Cahokia, IL 62206  
(618) 337-7500

### **Illinois Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Illinois Space Grant Consortium  
Aeronautical and Astronautical Engineering  
Department  
104 South Matthews Avenue  
101 Transportation Building  
University of Illinois at Urbana-Champaign  
Urbana, IL 61801  
(217) 244-7646

## **INDIANA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Harry L. Pearson  
Indiana Farm Bureau  
P.O. Box 1290  
Indianapolis, IN 46206  
(317) 692-7851/Fax: (317) 692-7854

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.



Dr. Maurice S. Kramer, Assistant Director  
Department Head, 4-H and Youth  
Development  
1161 Agriculture Administration Building  
Purdue University  
West Lafayette, IN 47907-1161

## DEPARTMENT OF EDUCATION (ED)

### North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational  
Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

### Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics  
and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### SEA

Phyllis L. Usher  
Eisenhower Mathematics and Science Program  
Indiana Department of Education  
229 State House  
Indianapolis, IN 46204-2798  
(317) 232-6984/Fax: (317) 232-9121

#### SAHE

Karen Rasnussen, Assistant Commissioner  
for Planning and Policy Studies  
Eisenhower Mathematics and Science Program  
Indiana Commission for Higher Education  
101 West Ohio, Suite 550  
Indianapolis, IN 46204-1909  
(317) 232-1900

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. C. Lynwood Erb, Project Director  
Indiana Facilitator Center  
Education Resource Brokers, Inc.  
2635 Yeager Road, Suite D  
West Lafayette, IN 47906  
(317) 497-3269/Fax: (317) 497-3461

## DEPARTMENT OF THE INTERIOR (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### Indiana Dunes National Lakeshore

Indiana Dunes National Lakeshore programs, including guided walks and teacher guides, focus on lakeshore ecology.

Division of Interpretation  
Indiana Dunes National Lakeshore  
1100 North Mineral Springs Road  
Porter, IN 46304  
(219) 926-7561

### Muscatatuck National Wildlife Refuge

With a focus on water fowl management, the Muscatatuck National Wildlife Refuge offers an orientation to the refuge, an audiovisual presentation, and self-guided walks.

Division of Interpretation  
Muscatatuck National Wildlife Refuge  
Route 7, Box 189A  
Seymour, IN 47274  
(812) 522-4352

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Warren Gartner, Project WILD Coordinator  
Indiana Department of Natural Resources  
6013 Lakeside Boulevard  
Indianapolis, IN 46278-1996  
(317) 290-3223

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Jack A. Cruse, Executive Director  
Indiana Department of Employment  
and Training Services  
10 North Senate Avenue, Room 331  
Indianapolis, IN 46204  
(317) 232-3270/Fax: (317) 233-4793

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Lee Carlson, AGL-5A  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7184

### **Federal Aviation Administration (FAA) Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a

local source for aviation education materials and programs.

Aviation Education Resource Center  
Indiana College of Placement and  
Assessment Center  
Hassan Chaharlang, ICPAC Hotline Director  
2805 East 10th Street  
Bloomington, IN 47408  
(812) 855-8475

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Lynn Bondurant  
Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135  
(216) 433-5583

### **NASA Teacher Resource Center**

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NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135  
(216) 433-2017

**NASA Regional Teacher Resource Center**  
To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Evansville  
NASA Regional Teacher Resource Center  
School of Education  
1800 Lincoln Avenue  
Evansville, IN 47722  
(812) 479-2393

**Indiana Space Grant Consortium**  
The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Indiana Space Grant Consortium  
School of Aeronautics and Astronautics  
1282 Grissom Hall, Purdue University  
West Lafayette, IN 47907-1282  
(317) 494-5117

## IOWA

### DEPARTMENT OF AGRICULTURE (USDA)

**Ag in the Classroom State Leader**  
Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Barbara J. Lykins  
Iowa Farm Bureau Federation  
5400 University  
West Des Moines, IA 50265-5997  
(515) 225-5425/Fax: (515) 225-5419

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Wendy Brock, Director for Youth and 4-H  
32 Curtiss Hall  
Iowa State University  
Ames, IA 50011

### DEPARTMENT OF EDUCATION (ED)

#### North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

#### Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

#### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Dr. John Wheeler, Chief  
Bureau of Instruction and Curriculum  
Eisenhower Mathematics and Science Program  
Iowa Department of Education  
Grimes State Office Building  
Des Moines, IA 50319-0145  
(515) 281-3874/Fax: (515) 242-5988

**SAHE**

Dr. Robert J. Barak, Deputy Executive Director  
Eisenhower Mathematics and Science Program  
Iowa State Board of Regents  
East 12th Street and Grand Avenue  
Old Historical Building  
Des Moines, IA 50319  
(515) 281-3934/Fax: (515) 281-6420

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

June Harris, State Facilitator  
Iowa Department of Education  
Bureau of Planning, Research, and Evaluation  
Grimes Building  
East 14th Street and Grand Avenue  
Des Moines, IA 50310-0146  
(515) 281-5288/Fax: (515) 242-5988

**DEPARTMENT OF ENERGY (DOE)****Ames Laboratory**

Ames Laboratory offers teacher workshops in environmental science, physics, and mathematics. Educational programs, including contests and mentoring, are also available for students.

Connie Hargrave, Educational Coordinator  
Ames Laboratory  
108 Office and Laboratory Building  
Ames, IA 50011  
(515) 294-9682/Fax: (515) 294-4456

**Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**DeSoto National Wildlife Refuge**

DeSoto National Wildlife Refuge offers guided walks and materials that focus on prairie ecology, bird migration, and basic environmental education.

Outdoor Recreation Planner  
DeSoto National Wildlife Refuge  
Rural Route 1, Box 114  
Missouri Valley, IA 51555  
(712) 642-4121

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Duane Toomsen, Project WILD Coordinator  
Department of Public Instruction  
Grimes State Office Building  
Des Moines, IA 50309  
(515) 281-3146

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Jeff Nall, Administrator  
Division of Job Training  
Iowa Department of Economic Development  
200 East Grand Avenue  
Des Moines, IA 50309  
(515) 242-4779/Fax: (515) 242-4859

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)  
Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Patrice Shalda, ACE-14  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3940/Fax: (816) 426-3022

**Federal Aviation Administration (FAA)  
Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
The University of Northern Iowa  
Attention: Julie Wilkinson, IRTS  
222 Schindler Education Center  
Cedar Falls, IA 50614-0610  
(319) 273-2717

**ENVIRONMENTAL PROTECTION AGENCY  
(EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 551-7066

**NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege

education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Chief, Education Branch  
Public Affairs Office (CA21)  
NASA Marshall Space Flight Center  
Marshall Space Flight Center, AL 35812  
(205) 544-0213

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
U.S. Space and Rocket Center  
Huntsville, AL 35807  
(205) 544-5812

**NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Northern Iowa  
NASA Regional Teacher Resource Center  
IRTS, Room 222, Schindler Education Center  
Cedar Falls, IA 50614-0009  
(319) 273-6066

**Iowa Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Iowa Space Grant consortium  
374 Town Engineering Building  
Iowa State University  
Ames, IA 50011  
(515) 294-2249



# KANSAS

## DEPARTMENT OF AGRICULTURE (USDA)

### Ag In the Classroom State Leaders

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Sharon Tally  
Kansas State University  
124 Bluemont Hall  
Manhattan, KS 66506  
(913) 532-7946/Fax: (913) 532-7304

Tim Christian  
SCS, 760 South Broadway  
Salina, KS 67401  
(913) 823-4570

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. C.R. Salmon, Assistant Extension Director  
for 4-H and Youth Development  
Kansas State University  
Umberger Hall, Room 201  
Manhattan, KS 66506-3404

## DEPARTMENT OF EDUCATION (ED)

### Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

C.L. Hutchins, Executive Director  
Mid-continent Regional Educational  
Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

### Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium  
for Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The Program focuses on teacher enhancement through both inservice and preservice programs.

#### SEA

Kenneth Gentry  
Eisenhower Mathematics and Science Program  
Kansas Department of Education  
120 East 10th Street  
Topeka, KS 66612-1182  
(913) 296-2306/Fax: (913) 296-7933

#### SAHE

Dr. John F. Welsh  
Eisenhower Mathematics and Science Program  
Kansas Board of Regents  
400 SW. Eighth Street, Suite 609  
Topeka, KS 66603  
(913) 296-3421/Fax: (913) 296-0983

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

James H. Connett, Director, KEDDS/Link  
Kansas State Facilitator Project  
Administrative Center, South Building  
217 North Water  
Wichita, KS 67202  
(316) 833-4711/Fax: (316) 833-4712

## DEPARTMENT OF ENERGY (DOE)

The Department of Energy has no major field facility in Kansas, however, DOE is affiliated with programs and partnerships in the State.

National Renewable Energy Laboratory  
James Evans, Regional Coordinator  
1617 Cole Boulevard  
Building 17, Room 384  
Golden, CO 80401-3393  
(303) 275-4725/Fax: (303) 275-4788

## DEPARTMENT OF THE INTERIOR (DOI)

### Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera  
P.O. Box 27115  
Santa Fe, NM 87502-0115  
(505) 438-7841

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Roland Stein, Wildlife Education Coordinator  
Kansas Department of Wildlife and Parks  
Rural Route 2, Box 54A  
Pratt, KS 67124  
(316) 672-5911

### Quivira National Wildlife Refuge

Quivira National Wildlife Refuge offers teacher workshops to educators who wish to use the Refuge as an outdoor classroom.

Quivira National Wildlife Refuge  
Route 3, Box 48A  
Stafford, KS 67578  
(316) 486-2393

## DEPARTMENT OF LABOR (DOL)

### Job Training Partnership Act Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Joe Dick, Secretary  
Kansas Department of Human Resources  
401 Topeka Boulevard  
Topeka, KS 66603  
(913) 296-7474/Fax: (913) 296-0179

## DEPARTMENT OF TRANSPORTATION (DOT)

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Patrice Shalda, ACE-14  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3940/Fax: (816) 426-3022

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Hutchinson Community College  
Attention: Edward E. Berger, President  
1300 North Plum  
Hutchinson, KS 67501  
(316) 665-3505

Aviation Education Resource Center  
Kansas State University at Salina  
Attention: Karlene Propst, Tullis Library  
2408 Scanlan Avenue  
Salina, KS 67401  
(913) 825-0275

## ENVIRONMENTAL PROTECTION AGENCY (EPA)

### EPA Regional Office

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 551-7066

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office (AP-4)  
NASA Johnson Space Center  
Houston, TX 77058  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-4  
Houston, TX 77058  
(713) 483-8696

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Kansas Cosmosphere and Space Center  
NASA Regional Teacher Resource Center  
1100 North Plum  
Hutchinson, KS 67501-1499  
(316) 662-2305/(800) 397-0330

### **Kansas Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and

other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Kansas Space Grant Consortium  
University of Kansas  
Department of Aerospace Engineering  
2004 Learned Hall  
Lawrence, KS 66045-2221  
(913) 864-4267

## **KENTUCKY**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Faye Lowe  
Kentucky Farm Bureau  
9201 Bunsen Parkway  
Louisville, KY 40250-0700  
(502) 495-5000/Fax: (502) 853-4114

Millie Crawford  
Department of Agriculture  
500 Mero Street, Seventh Floor  
Frankfort, KY 40602  
(502) 564-4696/Fax: (502) 564-6527

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Sylvester C. Umscheld, Assistant Extension  
Director for 4-H  
University of Kentucky  
212 Scovell Hall  
Lexington, KY 40546-0064

**DEPARTMENT OF EDUCATION (ED)****Appalachia Educational Laboratory, Inc. (AEL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director  
Appalachia Educational Laboratory, Inc.  
P.O. Box 1348, 1031 Quarrier Street  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0487  
(800) 624-9120 (outside West Virginia)  
(800) 344-6646 (inside West Virginia)

**Eisenhower Math/Science Consortium at AEL**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director  
Eisenhower Math/Science Consortium at AEL  
P.O. Box 1348, 1031 Quarrier Street  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0487

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

John C. Drake  
Eisenhower Mathematics and Science Program  
Kentucky Department of Education  
Capitol Plaza Tower, 17th Floor  
Frankfort, KY 40601  
(502) 564-6720/Fax: (502) 564-6952

**SAHE**

Becky Horine  
Eisenhower Mathematics and Science Program  
Kentucky Council on Higher Education  
1050 U.S. 127 South, Suite 101  
Frankfort, KY 40601  
(502) 564-3553/Fax: (502) 564-2063

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Janet Stevens, Kentucky State Facilitator  
Kentucky Department of Education  
1722 Capitol Plaza Tower Office Building  
500 Mero Street  
Frankfort, KY 40601  
(502) 564-2672/Fax: (502) 564-6711

**DEPARTMENT OF ENERGY (DOE)**

The Department of Energy has no major field facility in Kentucky, however, DOE is affiliated with programs and partnerships in the State.

U.S. Department of Energy Regional Office  
Attention: Betsy Palmer  
730 Peachtree Street NE.  
Atlanta, GA 30308  
(404) 347-2696/Fax: (404) 347-3098

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Mammoth Cave National Park**

Mammoth Cave National Park offers both surface and cave activities that focus on geology and natural history, as well as spring and fall teacher workshops, teacher guides, previsit materials, and guided tours.

Division of Interpretation  
Mammoth Cave National Park  
Mammoth Cave, KY 42259  
(502) 758-2251

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain

more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Teresa Prather, Project WILD Coordinator  
Kentucky Department of Fish and Wildlife Resources, D.N.R.  
#1 Game Farm Road  
Frankfort, KY 40601  
(502) 564-4762

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Margaret Whittet, Commissioner  
Department of Employment Services  
Kentucky Cabinet for Human Resources  
275 East Main Street, Two-West  
Frankfort, KY 40621  
(502) 564-5331/Fax: (502) 564-7452

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO-17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763-7500/Fax: (404) 763-7178

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE.  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Roger Hathaway  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3312

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
Virginia Air and Space Center  
600 Settler's Landing Road  
Hampton, VA 23669  
(804) 727-0800

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Murray State University  
NASA Regional Teacher Resource Center  
Waterfield Library  
Murray, KY 42071  
(502) 762-4420

### **Kentucky Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and



other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Kentucky Space Grant Consortium  
Western Kentucky University  
Department of Physics and Astronomy  
Bowling Green, KY 42101  
(502) 745-4156

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

Kentucky's Statewide Systemic Initiatives Program works in conjunction with the Department of Education and the Kentucky Science and Technology Council, Inc., to help students acquire conceptual knowledge, process and thinking skills, and scientific habits. Increasing the number of students who enter science- and technology-related careers is also a major concern.

Michael Howard, PRISM Project Director  
Kentucky Science and Technology Council, Inc.  
P.O. Box 1049  
Lexington, KY 40588-1049  
(606) 233-3502/Fax: (606) 259-0986

Thomas C. Boysen, Commissioner  
Kentucky Department of Education  
500 Mero Street, Capitol Plaza Tower  
Frankfort, KY 40601  
(502) 564-4770/Fax: (502) 564-5680

# **LOUISIANA**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Barbara Langley  
Louisiana Farm Bureau Federation  
P.O. Box 95004  
Baton Rouge, LA 70895-9004  
(504) 922-6200/Fax: (504) 922-6251

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Norman Roberts, Division Leader  
4-H and Youth Development  
Louisiana State University  
University Station, Knapp Hall, Room 169  
Baton Rouge, LA 70803

## **DEPARTMENT OF DEFENSE (DOD)**

### **Eighth Air Force Museum**

The Eighth Air Force Museum exhibits aircraft from pre-World War II to the modern era with an emphasis on the advancement of aviation and bombardment technology. Tours are available upon request.

Eighth Air Force Museum  
841 Fairchild Avenue, Suite 103  
Barksdale Air Force Base, LA 71110-2270  
(318) 456-2270

## **DEPARTMENT OF EDUCATION (ED)**

### **Southwest Educational Development Laboratory (SEDL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development  
Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### **Southwest Consortium for the Improvement of Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement  
of Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Doris P. Johnson  
Dan K. Lewis  
Eisenhower Mathematics and Science Program  
Louisiana Department of Education  
P.O. Box 94064  
Baton Rouge, LA 70804-9064  
(504) 342-3375/Fax: (504) 342-3448

**SAHE**

Dr. Kerry Davidson, Deputy Commissioner  
for Academic Affairs and Sponsored  
Programs  
Dr. Priscilla Kilcrease, Assistant Commissioner  
of Sponsored Programs  
Eisenhower Mathematics and Science Program  
Louisiana Board of Regents  
150 Third Street, Suite 129  
Baton Rouge, LA 70801-1389  
(504) 342-4253/Fax: (504) 342-9318

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Brenda Argo, Facilitator Project Director  
State Department of Education  
ESEA Title II Bureau Office  
P.O. Box 94064  
Baton Rouge, LA 70804  
(504) 342-3375/Fax: (504) 342-7367

**DEPARTMENT OF ENERGY (DOE)****Strategic Petroleum Reserve**

Strategic Petroleum Reserve provides teacher fellowships, student support programs, and curriculum material loans.

Durinda Robinson  
Strategic Petroleum Reserve  
900 Commerce Road East  
New Orleans, LA 70123  
(504) 734-4312/Fax: (504) 734-4427

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Bayou Sauvage National Wildlife Refuge**

Guided walks and canoe trips at the Bayou Sauvage National Wildlife Refuge promote awareness in wetlands management. In-class presentations are also available.

Lynn Payne  
Bayou Sauvage National Wildlife Refuge  
1010 Grause Boulevard, Building 936  
Slidell, LA 70458  
(504) 646-7555

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Wayne Huston, Project WILD Coordinator  
Louisiana Department of Wildlife and Fisheries  
P.O. Box 98000  
Baton Rouge, LA 70898-9000  
(504) 765-2922

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Joseph Stone, Assistant Secretary  
Louisiana Office of Labor  
P.O. Box 94094  
Baton Rouge, LA 70804-9094  
(504) 342-7693/Fax: (504) 342-7960

## DEPARTMENT OF TRANSPORTATION (DOT)

### Federal Aviation Administration (FAA)

#### Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the Federal Aviation Administration in the States assigned to the region.

FAA Aviation Education Representative  
Debra Myers, ASW-5  
4400 Blue Mound Road  
Fort Worth, TX 76193-0005  
(817) 624-5804/Fax: (817) 740-3260

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Louisiana State University  
Dr. Marlon Abbas, Director  
Transportation Systems Group  
Louisiana Transportation Research Center  
4101 Gourrier Avenue  
Baton Rouge, LA 70808  
(504) 767-9127

Aviation Education Resource Center  
Northeast Louisiana University  
Attention: Ernie Bruce  
Room 103, Chemistry and Natural Sciences Building  
Monroe, LA 71209-0590  
(318) 342-1784

## ENVIRONMENTAL PROTECTION AGENCY (EPA)

### EPA Regional Office

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

### NASA Field Center

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Chief, Education Branch  
Public Affairs Office (CA21)  
NASA Marshall Space Flight Center  
Marshall Space Flight Center, AL 35812  
(205) 544-0213

### NASA Teacher Resource Center

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
U.S. Space and Rocket Center  
Huntsville, AL 35807  
(205) 544-5812

### NASA Regional Teacher Resource Centers

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Bossier Parish Community College  
NASA Regional Teacher Resource Center  
2719 Airline Drive  
Bossier City, LA 71111  
(318) 746-7754

Southern University  
NASA Regional Teacher Resource Center  
Downtown Metro Center  
610 Texas Street  
Shreveport, LA 71101  
(318) 674-3444

### Louisiana Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a

balanced program of research, education, and public service.

Louisiana Space Grant Consortium  
Louisiana State University  
Department of Physics and Astronomy  
227 Nicholson Hall  
Baton Rouge, LA 70803-4001  
(504) 388-8697

## NATIONAL SCIENCE FOUNDATION (NSF)

### Statewide Systemic Initiatives Program

Louisiana's Statewide Systemic Initiatives Program is designed to modernize mathematics and science curricula through changes in teacher preparation programs and enhancement of teaching skills. The integration of math and science standards into curriculum development, textbook adoption, and assessment is a key objective, while additional objectives include upgrading teacher certification standards, incorporating technologies into the classroom, and involving parents in education.

Kerry Davidson, Deputy Commissioner  
for Academic Affairs and Research  
Louisiana Board of Regents  
150 Riverside Mall, Suite 129  
Baton Rouge, LA 70801-1389  
(504) 342-4253/Fax: (504) 342-9318

# MAINE

## DEPARTMENT OF AGRICULTURE (USDA)

### Ag In the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Mark James  
P.O. Box 430  
Augusta, ME 04332-0430  
(207) 622-4111

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The

State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dorothea Cloutier  
Program Administrator, 4-H  
5741 Libby Hall, Room 103  
University of Maine CES  
Orono, ME 04469-5741

## DEPARTMENT OF COMMERCE (DOC)

### Wells National Estuarine Research Reserve

The Wells National Estuarine Research Reserve has an onsite program for 4th-grade students, as well as a Junior Research summer program. Estuarine ecology curriculum materials for grades K-8 are also available. Reservations are required.

Education Coordinator  
Wells National Estuarine Research Reserve  
Rural Route 2, Box 806  
Wells, ME 04090  
(207) 646-1555

## DEPARTMENT OF EDUCATION (ED)

### Regional Laboratory for Educational Improvement of the Northeast and Islands

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational  
Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### Regional Alliance for Systemic Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Thomas Keller  
Eisenhower Mathematics and Science Program  
Maine Department of Education  
State House Station #23  
Augusta, ME 04333  
(207) 287-5925/Fax: (207) 287-5927

**SAHE**

Fred Douglas  
Eisenhower Mathematics and Science Program  
Maine Department of Education  
State House Station, #23  
Augusta, ME 04333  
(207) 287-2183/Fax: (207) 287-5927

Jacqueline P. Mitchell  
Eisenhower Mathematics and Science Program  
Maine Department of Education  
State House Station #23  
Augusta, ME 04333  
(207) 287-5925/Fax: (207) 287-5927

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Sue Doughty  
Elaine Roberts  
Center for Educational Services  
P.O. Box 620  
Auburn, ME 04212-0620  
(207) 783-0833/Fax: (207) 783-9701

**DEPARTMENT OF THE INTERIOR (DOI)****Acadia National Park**

Acadia National Park offers guided tours and nature walks, in addition to selected other environmental education activities.

Office of Interpretation  
Acadia National Park  
P.O. Box 177  
Bar Harbor, ME 04609  
(207) 288-3888

**Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Moosehorn National Wildlife Preserve**

Programs at the Moosehorn National Wildlife Preserve include guided nature tours and in-class presentations. Curriculum materials are available upon request.

Public Use Specialist  
Moosehorn National Wildlife Preserve  
P.O. Box 1077  
Calsis, ME 04619  
(207) 454-3521

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Lisa Kane, Project WILD Coordinator  
Maine Department of Inland Fisheries  
284 State Street  
Augusta, ME 04333  
(207) 289-3303



**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Charles A. Morrison, Commissioner  
Maine Department of Labor  
20 Union Street, P.O. Box 309  
Augusta, ME 04330  
(207) 289-3788/Fax: (207) 289-5292

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelia Bauer, ANE-45  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7379/Fax: (617) 238-7007

**Federal Aviation Administration (FAA)****Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Kennebec Valley Technical College  
Attention: Sue Doner  
92 Western Avenue  
Fairfield, ME 04937-0020  
(207) 453-9762

Aviation Education Resource Center  
Biddeford School Department  
Attention: Sara Jane Poli  
Maplewood Avenue  
Biddeford, ME 04005  
(207) 282-8280

Aviation Education Resource Center  
Penobscot Nation Tribal Administration  
Mark Sanborn, Assistant Director  
Vocational Training and Education  
6 River Road, Community Building  
Indian Island, ME 04468  
(207) 827-7776

Aviation Education Resource Center  
Northern Maine Technical Center  
Timothy D. Crowley, Dean of Students  
33 Edgemont Drive  
Presque Isle, ME 04769  
(207) 769-2461

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey, Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes,

publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

#### **Maine Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Maine Space Grant Consortium  
Maine Science and Technology Commission  
State House Station, #147  
Augusta, ME 04333  
(207) 621-6350

#### **NATIONAL SCIENCE FOUNDATION (NSF)**

##### **Statewide Systemic Initiatives Program**

The primary focus of Maine's Statewide Systemic Initiatives Program is on curriculum changes, teacher preparation and enhancement, the alignment of curriculum with assessment, and the establishment of "beacon" lab schools to test new curriculum and teaching methods. In addition, "beacon colleges" will reform teacher preparation. This initiative also includes community awareness programs, progressive institutes and workshops for teachers, and the increased use of technology.

Jacqueline Mitchell  
Maine Department of Education  
Augusta, ME 04333  
(207) 287-5937/Fax: (207) 287-5927

Thomas Clark, Director  
Maine Mathematics and Science Alliance  
Maine Department of Education  
Augusta, ME 04333  
(207) 287-5881/Fax: (207) 287-5885

## **MARYLAND**

#### **DEPARTMENT OF AGRICULTURE (USDA)**

##### **Ag In the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Pamela Rockland  
802 Dale Drive  
Silver Spring, MD 20910  
(301) 588-8628

Laurie Green  
Department of Agriculture  
50 Harry S. Truman Parkway  
Annapolis, MD 21401  
(410) 841-5894

##### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Eleanor F. Young, Associate Director, 4-H  
2309 Computer Science Building  
University of Maryland  
College Park, MD 20742-2451

#### **DEPARTMENT OF COMMERCE (DOC)**

##### **Chesapeake Bay National Estuarine Research Reserve**

The Chesapeake Bay National Estuarine Research Reserve offers both in-school and onsite education programs. Reservations are required.

Education Coordinator  
Chesapeake Bay National Estuarine Research Reserve  
Coastal and Watershed Resources Division  
Tawes State Office Building, B-3  
580 Taylor Avenue  
Annapolis, MD 21401  
(410) 974-3382/Fax: (410) 974-2833

**National Institute of Standards and Technology**  
The National Institute of Standards and Technology conducts basic and applied research in the physical sciences and engineering. Although the majority of education programs are designed for graduate-level students, some educational outreach is available at the undergraduate and precollege levels.

Kimberly J. Goode, Student Coordinator  
National Institute of Standards and Technology  
Office of Personnel and Civil Rights  
Administration, Room A123  
Gaithersburg, MD 20899  
(301) 975-3062

## DEPARTMENT OF DEFENSE (DOD)

### Naval Air Test and Evaluation Museum

The Naval Air Test and Evaluation Museum depicts the history of teaching and evaluating U.S. naval aircraft. Exhibits include actual aircraft, flight simulation, and displays geared toward flight design and performance. Tours are available upon request.

Naval Air Test and Evaluation Museum  
Naval Air Warfare Center  
P.O. Box 407  
Patuxent River, MD 20670-5304  
(301) 863-7418

## DEPARTMENT OF EDUCATION (ED)

### Research for Better Schools, Inc. (RBS)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John E. Hopkins, Executive Director  
Research for Better Schools, Inc.  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium  
for Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### SEA

June Danaher, Section Chief and Specialist  
in Mathematics  
Eisenhower Mathematics and Science Program  
Maryland Department of Education  
200 West Baltimore Street  
Baltimore, MD 21201-2595  
(410) 333-2300/Fax: (410) 333-2379

### SAHE

Linarda Tyler, Secretary for Higher Education  
Eisenhower Mathematics and Science Program  
Maryland Higher Education Commission  
16 Francis Street  
Annapolis, MD 21401-1781  
(410) 974-2971/Fax: (410) 974-5376

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Raymond H. Hartjen  
Educational Alternatives, Inc.  
Harwood Lane, P.O. Box 265  
Port Tobacco, MD 20677  
(301) 934-2992/Fax: (301) 934-2999

## DEPARTMENT OF HEALTH AND HUMAN SERVICES (HHS)

### National Institutes of Health (NIH)

The biomedical laboratories and research facilities within NIH offer a wide range of life sciences education programs for both teachers and students that range from the elementary to the postgraduate level.

Office of Education  
National Institutes of Health  
9000 Rockville Pike  
Building 10, Room 1C129  
Bethesda, MD 20892  
(301) 496-2427

For information on library and museum hours, guided tours of the facilities, and special exhibits, contact:

Visitors Information Center  
9000 Rockville Pike  
Building 10, Room C218  
Bethesda, MD 20892  
(301) 496-1776

## DEPARTMENT OF THE INTERIOR (DOI)

**Assateague Island National Seashore**  
Onsite environmental activities such as beach-combing and marsh studies are available to students at all grade levels at the Assateague Island National Seashore. Previsit curriculum materials and guided tours are also available.

Office of Interpretation  
National Park Service  
Assateague Island National Seashore  
Route 611, 7206 National Seashore Lane  
Berlin, MD 21811  
(410) 641-1443

**Blackwater National Wildlife Refuge**  
In addition to guided walks and bus tours, the Blackwater National Wildlife Refuge also offers summer environmental education programs.

Outdoor Recreation Planner  
Blackwater National Wildlife Refuge  
2145 Key Wallace Drive  
Cambridge, MD 21613  
(410) 228-2677

## Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Earl Hodil, Project WILD Coordinator  
Maryland Fish, Heritage, and Wildlife Administration  
Tawes State Office Building  
580 Taylor Avenue  
Annapolis, MD 21401  
(410) 974-3195

## DEPARTMENT OF LABOR (DOL)

### Job Training Partnership Act Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Gary Moore, Executive Director  
Maryland Office of Employment and Training  
1100 North Eutaw Street, Room 314  
Baltimore, MD 21201  
(410) 333-7200/Fax: (410) 462-4291

## DEPARTMENT OF TRANSPORTATION (DOT)

### Federal Aviation Administration (FAA)

#### Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Jim Szakary, AEA-17  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-1056/Fax: (718) 553-0058

### Federal Aviation Administration (FAA)

#### Aviation Education Resource Center

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
University of Maryland at Eastern Shore  
Abraham D. Spinak, Director  
Airway Science Program  
Princess Anne, MD 21853-1299  
(410) 651-6489

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey, Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

## **Maryland Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Maryland Space Grant Consortium  
205 Bloomberg Center for Physics and  
Astronomy  
34th and Charles Streets  
Baltimore, MD 21218  
(410) 516-7351

## **SMITHSONIAN INSTITUTION**

### **Smithsonian Environmental Research Center**

The Smithsonian Environmental Research Center occupies 2,600 acres of the Rhode River tidal river system, and is part of a network of sites conducting ecological research relevant to their geographic regions. The Center provides a broad range of educational activities, including teacher-led field trips, self-guided nature trails, guided tours, and workshops. Research opportunities are available for student interns and professionals.

Smithsonian Environmental Research Center  
P.O. Box 28  
Edgewater, MD 21037  
(301) 261-4190/Fax: (301) 261-7954

# **MASSACHUSETTS**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Pam Comstock  
Massachusetts Farm Bureau  
P.O. Box 651  
Bedford, MA 01730



#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Thomas M. Waskiewicz, Youth Development  
4-H Program Coordinator  
University of Massachusetts  
214 Stockbridge Hall  
Amherst, MA 01003

#### DEPARTMENT OF COMMERCE (DOC)

**Stellwagen Bank National Marine Sanctuary**  
Stellwagen Bank National Marine Sanctuary was recently designated a marine sanctuary. No onsite programs currently exist.

Sherrard Foster  
Sanctuaries and Reserves Division  
Office of Ocean and Coastal Resource  
Management  
NOS/NOAA  
1305 East West Highway  
Silver Spring, MD 20910  
(301) 713-3132

#### Waquoit Bay National Estuarine Research Reserve

The Waquoit Bay National Estuarine Research Reserve offers intern programs, interpretive walks, and watershed curriculum.

Education Coordinator  
Waquoit Bay National Estuarine Research  
Reserve  
P.O. Box 3092  
Waquoit, MA 02536  
(508) 457-0495

#### DEPARTMENT OF EDUCATION (ED)

##### Regional Laboratory for Educational Improvement of the Northeast and Islands

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational  
Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

#### Regional Alliance for Systemic Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

#### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### SEA

Carole Thomson, Executive Director  
Division School Programs  
Eisenhower Mathematics and Science Program  
Massachusetts Department of Education  
1385 Hancock Street  
Quincy, MA 02169  
(617) 770-7536/Fax: (617) 770-7604

#### SAHE

Joseph N. Joyce, Jr.  
Eisenhower Mathematics and Science Program  
Massachusetts Higher Education Coordinating  
Council  
McCormack Building, Room 1401  
One Ashburton Place  
Boston, MA 02108-1696  
(617) 727-7785, ext. 246/Fax: (617) 727-6397

#### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Nancy Love  
**THE NETWORK**  
 300 Brickstone Square, Suite 900  
 Andover, MA 01810  
 (508) 470-1080/Fax: (508) 475-9220  
 (800) 877-5400

## **DEPARTMENT OF ENERGY (DOE)**

**Bates Linear Accelerator Center**  
 Bates Linear Accelerator Center sponsors selected DOE national programs.

William Lobar  
 Bates Linear Accelerator Center  
 P.O. Box 846  
 Middleton, MA 01949  
 (617) 245-6600/Fax: (617) 245-0901

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
 Bureau of Land Management  
 7450 Boston Boulevard  
 Springfield, VA 22153  
 (703) 440-1713

### **Cape Cod National Seashore**

Cape Cod National Seashore offers a residential environmental education program for students. Curriculum materials and other onsite activities are available upon request.

Division of Interpretation  
 Cape Cod National Seashore  
 South Wellsfleet, MA 02663  
 (508) 255-3421

### **Great Meadows National Wildlife Refuge**

Great Meadows National Wildlife Refuge operates a classroom laboratory for wetlands study. Teachers must complete a wetlands workshop prior to conducting a class in the laboratory.

Outdoor Recreation Planner  
 Great Meadows National Wildlife Refuge  
 Weir Hill Road  
 Sudbury, MA 12776  
 (508) 443-2898

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Marion Larson, Project WILD Co-Coordinator  
 Massachusetts Division of Fisheries  
 and Wildlife  
 Field Headquarters  
 Westboro, MA 01581  
 (508) 792-7270

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Nils L. Nordberg, Commissioner  
 Massachusetts Department of Employment  
 and Training  
 Charles F. Hurley Building  
 Government Center, 19 Staniford Street  
 Boston, MA 02114  
 (617) 727-6600/Fax: (617) 727-0315

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
 Shelia Bauer, ANE-45  
 12 New England Executive Park  
 Burlington, MA 01803  
 (617) 238-7379/Fax: (617) 238-7007

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Bridgewater State College  
Attention: Bill Annesley  
Management Science and Aviation Science  
Department  
Bridgewater, MA 02325  
(508) 697-1395

Aviation Education Resource Center  
North Shore Community College  
Attention: Dr. Robert Finklestein  
One Ferncroft Road  
Danvers, MA 01923  
(508) 762-4000, ext. 6296

Aviation Education Resource Center  
Museum of Science  
Attention: Carolyn Kirdahy  
Lyman Library, Science Park  
Boston, MA 02114-1099  
(617) 589-0266

Aviation Education Resource Center  
Lexington Public School System  
Dr. Nicholas Tzimopoulos, Director  
Curriculum/Science Education  
1557 Massachusetts Avenue  
Lexington, MA 02173  
(617) 861-2484

Aviation Education Resource Center  
Westfield State College  
Ely Campus Center, Western Avenue  
Maureen McCartney, Director of Career  
Services  
Westfield, MA 01086  
(413) 568-3311, ext. 206

Aviation Education Resource Center  
Massachusetts Aeronautics Commission  
Attention: Dr. Toby Penstlen  
Transportation Library, 10 Park Plaza  
Boston, MA 02116-3966  
(617) 973-8000

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school

presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey, Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

### **Massachusetts Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Massachusetts Space Grant Consortium  
Massachusetts Institute of Technology  
77 Massachusetts Avenue, Building 37-451  
Cambridge, MA 02139  
(617) 258-5546

**NATIONAL SCIENCE FOUNDATION (NSF)****Statewide Systemic Initiatives Program**

The goals for the Massachusetts Statewide Systemic Initiatives Program include producing the State's first curriculum framework, hiring mathematics and science specialists, implementing a new science and mathematics Master Teacher certification standard, and linking schools and colleges.

Susan Tave Zelman  
Massachusetts Department of Education  
350 Main Street  
Malden, MA 02148  
(617) 388-3300/Fax: (617) 388-3300

**MICHIGAN****DEPARTMENT OF AGRICULTURE (USDA)****Ag In the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Eddie Moore  
Michigan State University  
410 Agriculture Hall  
East Lansing, MI 48824  
(517) 355-6580/Fax: (517) 323-1888

Julie Chamberlain  
Michigan Farm Bureau  
7373 West Saginaw Highway  
Lansing, MI 48909  
(517) 323-7000/Fax: (517) 323-6793

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Michael J. Tate, Assistant Director of Extension  
for 4-H Youth  
6H Berkey Hall  
Michigan State University  
East Lansing, MI 48824-1111

**DEPARTMENT OF COMMERCE (DOC)****Great Lakes Environmental Research Laboratory**

The Great Lakes Environmental Research Laboratory participates in a local partnership program and offers in-school presentations.

Tom Nalepa  
Great Lakes Environmental Research  
Laboratory  
National Oceanic and Atmospheric  
Administration  
2205 Commonwealth Boulevard  
Ann Arbor, MI 48105-1593  
(313) 741-2285

**DEPARTMENT OF EDUCATION (ED)****North Central Regional Educational Laboratory (NCREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational  
Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

**Midwest Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics  
and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Sue Dalbec Harrison  
Eisenhower Mathematics and Science Program  
Michigan Department of Education  
P.O. Box 30008  
Lansing, MI 48909  
(517) 373-1236/Fax: (517) 373-2537

**SAHE**

Dr. Flora L. Jenkins  
Eisenhower Mathematics and Science Program  
Michigan Department of Education  
Higher Education Management Services  
P.O. Box 30008  
Lansing, MI 48909  
(517) 335-0406/Fax: (517) 373-2759

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Elaine Gordon, Michigan State Facilitator  
Michigan Department of Education  
P.O. Box 30008  
Lansing, MI 48909  
(517) 373-1807/Fax: (517) 373-2537

**National Center for Research on Teacher Learning**

The National Center for Research on Teacher Learning is focusing on how teachers learn to teach in newer, more powerful, and interactive ways that lead to greater student understanding.

National Center for Research  
on Teacher Learning  
Michigan State University  
College of Education  
116 Erikson Hall  
East Lansing, MI 48824-1034  
(517) 355-9302

**DEPARTMENT OF THE INTERIOR (DOI)**

**Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Isle Royale National Park**

Summer programs at the Isle Royale National Park offer curriculum-related information on natural resource issues to students in grades 3-6. Park rangers visit schools in the winter.

Division of Interpretation  
Isle Royale National Park  
800 East Lakeshore Drive  
Houghton, MI 49931-1895  
(906) 482-0986

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Robert Long, Project WILD Coordinator  
Director, Science Center  
143 Bostwick NE.  
Grand Rapids, MI 49503  
(616) 771-4249

**Seney National Wildlife Refuge**

Spring and fall environmental education programs at the Seney National Wildlife Refuge inform students about wildlife management. Guided walks and in-class presentations are also available.

Division of Interpretation  
Seney National Wildlife Refuge  
800 East Lakeshore Drive  
Houghton, MI 49931-1895  
(906) 482-0986

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Douglas E. Stites, Vice President  
Michigan Jobs Commission  
P.O. Box 30015  
Lansing, MI 48909  
(517) 373-6227/Fax: (517) 373-0314



**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

**FAA Aviation Education Representative**

Lee Carlson, AGL-5A  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7184

**Federal Aviation Administration (FAA)****Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

**Aviation Education Resource Center**

Oakland University  
Karen Conrad, Interim Director  
Aviation and Space Center  
216 O'Dowd Hall, Room 216  
Rochester, MI 48309-4401  
(313) 370-2485

**Aviation Education Resource Center**

Project STARS  
Attention: Barbara Koscak  
P.O. Box 450082, Building 814  
Selfridge ANG Base, MI 48045  
(313) 466-4884

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

**Environmental Education Coordinator**

Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

**Dr. Lynn Bondurant**

Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135  
(216) 433-5583

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

**NASA Lewis Research Center**

Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135  
(216) 433-2017

**NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

**Central Michigan University**

NASA Regional Teacher Resource Center  
Ronan Hall, Room 101  
Mt. Pleasant, MI 48859  
(517) 774-4387

**Northern Michigan University**

NASA Regional Teacher Resource Center  
Olson Library Media Center  
Marquette, MI 49855  
(906) 227-2270

**Oakland University**

NASA Regional Teacher Resource Center  
O'Dowd Hall, Room 216  
Rochester, MI 48309-4401  
(313) 370-2485

### **Michigan Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Michigan Space Grant Consortium  
2106 SRB, University of Michigan  
Ann Arbor, MI 48109-2143  
(313) 764-9508

### **NATIONAL SCIENCE FOUNDATION (NSF)**

#### **Statewide Systemic Initiatives Program**

One goal of Michigan's Statewide Systemic Initiatives Program is to summarize research on new kinds of science and mathematics teachings. Other goals include increasing State guidance for local efforts, creating schools to address needs of low-achieving and disadvantaged populations, redesigning teacher education, and stimulating and supporting district efforts.

Nancy Mincemoyer  
Michigan Department of Education  
P.O. Box 30008  
Lansing, MI 48909  
(517) 373-3279/Fax: (517) 373-3241

Teresa Staten  
Michigan Department of Education  
P.O. Box 30008  
Lansing, MI 48909  
(517) 373-7248/Fax: (517) 373-4589

## **MINNESOTA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Alan Withers  
Minnesota Department of Agriculture  
90 West Plato Boulevard  
St. Paul, MN 55107  
(612) 296-6688/Fax: (612) 297-5522

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Richard Byrne  
Assistant Director, 4-H  
1420 Eckles Avenue, 340 Coffey Hall  
University of Minnesota  
St. Paul, MN 55108

### **DEPARTMENT OF EDUCATION (ED)**

#### **North Central Regional Educational Laboratory (NCREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

#### **Midwest Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses

on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Robert Crumpton  
Eisenhower Mathematics and Science Program  
Minnesota Department of Education  
Capitol Square Building, Room 922  
St. Paul, MN 55101  
(612) 296-2703/Fax: (612) 296-3272

#### **SAHE**

Nancy B. Walters  
Eisenhower Mathematics and Science Program  
Minnesota Higher Education Coordinating Board  
Capitol Square Building, Suite 400  
550 Cedar Street  
St. Paul, MN 55101  
(612) 296-9777/Fax: (612) 296-9777

#### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Diane Lassman/Barbara Knapp  
State Facilitator Office  
The EXCHANGE AT CAREI  
116 University Press Building  
2037 University Avenue SE.  
University of Minnesota  
Minneapolis, MN 55414-3097  
(612) 624-0584/Fax: (612) 625-4880

#### **DEPARTMENT OF ENERGY (DOE)**

##### **Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

#### **DEPARTMENT OF THE INTERIOR (DOI)**

##### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational

programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

##### **Minnesota Valley National Wildlife Refuge**

In addition to environmental education programs, the Minnesota Valley National Wildlife Refuge offers plant and animal exhibits; interactive displays; computer programs; and interpretive lectures.

Public Use Manager  
Minnesota Valley National Wildlife Refuge  
3815 East 80th Street  
Bloomington, MN 55425-1600  
(612) 854-5900

##### **Pipestone National Monument**

Anthropological- and geological-related lectures are available at the Pipestone National Monument.

Division of Interpretation  
Pipestone National Monument  
Box 727  
Pipestone, MN 56164  
(507) 825-5464

##### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Karen Van Norman, Project WILD Coordinator  
Minnesota Department of Natural Resources  
Box 7, 500 Lafayette Road  
St. Paul, MN 55155  
(612) 297-2423

##### **Voyageurs National Park**

The Voyageurs National Park offers environmental education programs targeted primarily to 4th graders, although arrangements can be made for students of other age groups.

Division of Interpretation  
Voyageurs National Park  
P.O. Box 50  
International Falls, MN 56649-8904  
(218) 283-9821

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Byron Lee Zuidema, Acting Assistant  
Commissioner  
Minnesota Department of Jobs and Training  
390 North Robert Street, Fifth Floor  
St. Paul, MN 55101  
(612) 296-4657/Fax: (612) 296-5745

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Lee Carlson, AGL-5A  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7184

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Minnesota DOT Office of Aeronautics  
Gordon Hoff, Director  
Aviation Education Relations  
222 East Plato Boulevard  
St. Paul, MN 55107-1618  
(612) 297-7652

Aviation Education Resource Center  
Vermilion Community College  
Julius Salinas, Aviation Director  
1900 East Camp Street  
Ely, MN 55731  
(218) 365-7200

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

### **Environmental Research Laboratory**

In addition to teacher workshops, Minnesota's Environmental Research Laboratory provides environmental programs for students at various grade levels, curriculum materials, and science fairs. Laboratory tours may also be arranged.

Bob Drummond  
U.S. Environmental Protection Agency  
Environmental Research Laboratory  
6201 Congdon Boulevard  
Duluth, MN 55804  
(218) 702-5733

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Lynn Bondurant  
Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135  
(216) 433-5583

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes,

publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135  
(216) 433-2017

#### **NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Mankato State University  
NASA Regional Teacher Resource Center  
Department of Curriculum and Instruction  
MSU Box 52, P.O. Box 8400  
Mankato, MN 56002-8400  
(507) 389-5710/1516

St. Cloud State University  
Center for Information Media  
NASA Regional Teacher Resource Center  
St. Cloud, MN 56301  
(612) 255-2062

#### **Minnesota Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Minnesota Space Grant Consortium  
University of Minnesota, Main Campus  
107 Ackerman Hall  
110 Union Street SE.  
Minneapolis, MN 55455  
(612) 625-8000

## MISSISSIPPI

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the

agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Helen Jenkins  
Mississippi Farm Bureau  
P.O. Box 1972  
Jackson, MS 39205-1972  
(601) 957-3200/Fax: (601) 977-4808

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Susan Holder, State Leader  
4-H Youth Development  
P.O. Box 5446  
Mississippi State University  
Mississippi State, MS 39762

### **DEPARTMENT OF DEFENSE (DOD)**

#### **U.S. Army Natick Research, Development, and Engineering Center**

In addition to a stay-in-school program, the Natick Center offers a Summer Science and Engineering Program for grades 9-12.

U.S. Army Natick Research, Development, and Engineering Center  
Kansas Street  
Natick, MS 01760-5000  
(508) 651-4000

### **DEPARTMENT OF EDUCATION (ED)**

#### **SouthEastern Regional Vision for Education (SERVE)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(919) 334-3211/Fax: (919) 334-3268  
(800) 755-3277



SERVE, Mississippi  
Delta State University  
P.O. Box 3183  
Cleveland, MS 38733  
(601) 846-4384/Fax: (601) 846-4402  
(800) 326-4548

**SERVE Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Francena Cummings, Director  
SERVE Consortium for Mathematics and Science Education  
345 South Magnolia Drive, Suite D-23  
Tallahassee, FL 32301-2950  
(904) 922-2300/Fax: (904) 922-2286  
(800) 854-0476

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**  
Dr. Donna Lander  
Eisenhower Mathematics and Science Program  
Mississippi Department of Education  
Walter Sillers Building, Suite 604  
P.O. Box 771  
Jackson, MS 39205-0771  
(601) 359-3778/Fax: (601) 352-7436

**SAHE**  
Dr. Rita Norton  
Dr. Charles Pickett  
Eisenhower Mathematics and Science Program  
Mississippi Board of Trustees of State Institutions of Higher Learning  
3825 Ridgewood Road  
Jackson, MS 39211  
(601) 982-6626/Fax: (601) 982-6610

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by

identifying suitable NDN programs and assists with training and installation.

Dr. Bobby Stacy  
Mississippi Facilitator Project  
State Department of Education  
P.O. Box 771, 550 High Street, Suite 704  
Jackson, MS 39205-0771  
(601) 359-3498/Fax: (601) 359-2198

**DEPARTMENT OF ENERGY (DOE)**

The Department of Energy has no major field facility in Mississippi, however, DOE is affiliated with programs and partnerships in the State.

U.S. Department of Energy Regional Office  
Attention: Betsy Palmer  
730 Peachtree Street NE.  
Atlanta, GA 30308  
(404) 347-2696/Fax: (404) 347-3098

**DEPARTMENT OF THE INTERIOR (DOI)**

**Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Gulf Islands National Seashore**

Programs at the Gulf Islands National Seashore, including nature walks and ranger lectures, focus on environmental education. Teacher guides are available upon request.

Division of Interpretation  
Gulf Islands National Seashore  
3500 Park Road  
Ocean Springs, MS 39564  
(601) 875-0074

**Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom ready teaching aides are being developed: activity guides and modules for grades K-12, computer

simulations, water history publications, ground-water flow models, and a series of children's story and action books.

Martha Cooper, Education Coordinator  
Mississippi Museum of Natural Science  
111 North Jefferson Street  
Jackson, MS 39202  
(601) 354-7303

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Martha Cooper, Project WILD Coordinator  
Mississippi Museum of Natural Science  
111 North Jefferson Street  
Jackson, MS 39202  
(601) 354-7303

### **Stennis Space Center Earth Science Information Center**

The Earth Science Information Center at the Stennis Space Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Stennis Space Center Earth Science  
Information Center  
Building 3101  
Stennis Space Center, MS 39529  
(601) 688-3541

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Jean Denson, Director  
Mississippi Department of Economic and  
Community Development  
Employment Training Division  
301 West Pearl Street  
Jackson, MS 39203-3089  
(601) 949-2234/Fax: (601) 949-2291

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO-17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763-7500/Fax: (404) 763-7178

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Jackson State University  
Dr. Harry A. Cooley, Director  
Airway Science Program  
1400 Lynch Street  
Jackson, MS 39217  
(601) 968-2471

Aviation Education Resource Center  
Stringer Aerospace Education Center  
Attention: Mark Rice  
P.O. Box 68, Old Highway 15  
Stringer, MS 39481  
(601) 649-5566

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE.  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. David Powe  
Manager, Educational Programs  
NASA John C. Stennis Space Center  
Mail Stop HA00  
Stennis Space Center, MS 39529  
(601) 688-1107

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John C. Stennis Space Center  
Teacher Resource Center  
Building 1200  
Stennis Space Center, MS 39529  
(601) 688-3338

**NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Mississippi Delta Community College  
NASA Regional Teacher Resource Center  
P.O. Box 177  
Moorehead, MS 38761  
(601) 246-5631

Tri-State Learning Center  
NASA Regional Teacher Resource Center  
P.O. Box 508  
Iuka, MS 38852-0508  
(601) 423-7453

**Mississippi Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium

receives NASA funds for use in implementing a balanced program of research, education, and public service.

Mississippi Space Grant Consortium  
125 Old Chemistry Building  
University of Mississippi  
University, MS 38677  
(601) 232-5232

**MISSOURI****DEPARTMENT OF AGRICULTURE (USDA)****Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Diane Olsen  
Missouri Farm Bureau  
P.O. Box 568  
Jefferson City, MO 65102  
(314) 898-1400/Fax: (314) 893-1540

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gerry Westwood  
Director, 4-H Youth  
University of Missouri  
212 Whitten Hall  
Columbia, MO 65211

**DEPARTMENT OF DEFENSE (DOD)****U.S. Army Engineer Museum**

The U.S. Army Engineer Museum offers guided tours and educational programs that focus on aspects of military engineering. Reservations are required.

U.S. Army Engineer Museum  
Attention: ATZT-PTM-OM  
Fort Leonard Wood, MO 65473-5165  
(314) 596-4249

**DEPARTMENT OF EDUCATION (ED)****Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

C.L. Hutchins, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

**Eisenhower High Plains Consortium for Mathematics and Science**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Tom Odneal  
Eisenhower Mathematics and Science Program  
Missouri Department of Elementary and Secondary Education  
P.O. Box 480  
Jefferson City, MO 65102  
(314) 751-3468/Fax: (314) 751-9434

**SAHE**

Ava L. Fajen  
Eisenhower Mathematics and Science Program  
Missouri State Institutions of Higher Learning  
Coordinating Board of Higher Education  
101 Adams Street  
Jefferson City, MO 65101  
(314) 751-2361/Fax: (314) 751-6635

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Jolene Schulz, Project Director  
Missouri Facilitator Project  
555 Vandiver, Suite A  
Columbia, MO 65202  
(314) 886-2165/Fax: (314) 886-2160

**DEPARTMENT OF ENERGY (DOE)****AlliedSignal Aerospace Company**

In addition to establishing partnerships with local schools, AlliedSignal Aerospace Company participates in career and science fairs and academic contests and provides tours of its facility.

Randy Williams, Community Relations  
AlliedSignal Aerospace Company  
P.O. Box 419159, 2000 East 95th Street  
Kansas City, MO 64141-6159  
(816) 997-2181/Fax: (816) 997-7259

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Ozark National Scenic Riverways**

Programs at the Ozark National Scenic Riverways include guided nature walks, ranger lectures, and cave tours. In-school activities are also available upon request.

Division of Interpretation  
Ozark National Scenic Riverways  
P.O. Box 493  
Van Buren, MO 63965  
(314) 323-4236

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K–12, are free to teachers who attend the training session.

Bruce Evans, Science/Technology Coordinator  
School District of Kansas City  
1211 McGee Street  
Kansas City, MO 64106  
(816) 871–6397

### **DEPARTMENT OF LABOR (DOL)**

#### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Larry Earley, Director  
Division of Job Development and Training  
Missouri Department of Economic Development  
221 Metro Drive  
Jefferson City, MO 65109  
(314) 751–7796/Fax: (314) 751–6765

### **DEPARTMENT OF TRANSPORTATION (DOT)**

#### **Federal Aviation Administration (FAA)**

##### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including aviation education materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Patrice Shalda, ACE–14  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426–3940/Fax: (816) 426–3022

### **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

#### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental

issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551–7003/Fax: (913) 551–7066

### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

#### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Chief, Education Branch  
Public Affairs Office (CA21)  
NASA Marshall Space Flight Center  
Marshall Space Flight Center, AL 35812  
(205) 544–0213

#### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
U.S. Space and Rocket Center  
Huntsville, AL 35807  
(205) 544–5812

#### **Missouri Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Missouri Space Grant Consortium  
Washington University  
One Bookings Drive, Campus Box 1169  
St. Louis, MO 63130–4899  
(314) 935–4614



# MONTANA

## DEPARTMENT OF AGRICULTURE (USDA)

### Ag In the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Marie Hovland  
Agriculture in Montana Schools  
389 Airport Bench Road  
Great Falls, MT 59404-6337  
(406) 727-5045

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Elizabeth McCoy, 4-H Program Leader  
Taylor Hall  
Montana State University  
Bozeman, MT 59717

## DEPARTMENT OF EDUCATION (ED)

### Northwest Regional Educational Laboratory (NWREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

### Northwest Consortium for Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rob Larson, Director  
Northwest Consortium for Mathematics and Science Teaching  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9594/Fax: (503) 275-9489

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### SEA

Bob Briggs  
Eisenhower Mathematics and Science Program  
Montana Office of Public Instruction  
State Capitol Building  
1300 11th Avenue  
Helena, MT 59620  
(406) 444-4439/Fax: (406) 444-3924

### SAHE

Dr. David Toppen  
Eisenhower Mathematics and Science Program  
Montana Office of Commissioner of Higher Education  
33 South Last Chance Gulch  
Helena, MT 59629  
(406) 444-6570/Fax: (406) 444-3924

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Patricia B. Johnson, State Facilitator Project  
Montana Office of Public Instruction  
State Capitol Building, Room 106  
1300 11th Avenue  
Helena, MT 59620  
(406) 444-2736/Fax: (406) 444-3924

## DEPARTMENT OF THE INTERIOR (DOI)

### Bighorn Canyon National Recreation Area

Programs at the Bighorn Canyon National Recreation Area, including guided walks and teacher guides, focus primarily on the ecology of Bighorn Canyon.

Division of Interpretation  
Bighorn Canyon National Recreation Area  
P.O. Box 458  
Fort Smith, MT 59035  
(406) 666-2412

**Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
P.O. Box 36800, 222 North 32nd Street  
Billings, MT 59107  
(406) 255-2913

**Glacier National Park**

Glacier National Park offers environmental education field trips, guided tours, and other activities. Curriculum materials are available for educators.

West Lakes District Interpreter (for the  
west side of Glacier)  
Glacier National Park  
West Glacier, MT 59936  
(406) 888-5441, ext. 304

Hudson Bay District Interpreter (for the  
east side of Glacier)  
Glacier National Park  
St. Mary, MT 59417  
(406) 732-4421

**National Bison Range**

The National Bison Range offers teacher workshops, a variety of environmental education activities for students, and an outdoor education resource library.

Outdoor Recreation Planner  
National Bison Range  
132 Bison Range Road  
Moiese, MT 59824  
(406) 644-2211

**Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, ground-water flow models, and a series of children's story and action books.

Gina Morrison, Project WET Coordinator  
201 Culbertson Hall  
Montana State University  
Bozeman, MT 59717  
(406) 994-6425

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Kurt Cunningham, Project WILD Coordinator  
Montana Department of Fish, Wildlife, and  
Parks  
1420 East Sixth Avenue  
Helena, MT 59620  
(406) 444-1267

**Rolla Earth Science Information Center**

The Rolla Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Rolla Earth Science Information Center  
1400 Independence Road, Mail Stop 231  
Rolla, MT 65401-2602  
(314) 341-0851

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Robert V. Andersen, Administrator  
Research, Safety, and Training Division  
Montana Department of Labor and Industry  
P.O. Box 1728  
Helena, MT 59624  
(406) 444-4500/Fax: (406) 444-2638

**DEPARTMENT OF TRANSPORTATION (DOT)**

**Federal Aviation Administration (FAA)  
Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

**FAA Aviation Education Representative**  
 Shelly Larson, ANM-5E  
 1601 Lind Avenue SW.  
 Renton, WA 98055  
 (206) 227-2804/Fax: (206) 227-1005

**Federal Aviation Administration (FAA)  
 Aviation Education Resource Center**  
 As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
 Montana DOT Aeronautics Division  
 Attention: Michael D. Ferguson  
 P.O. Box 5178  
 Helena, MT 59601  
 (406) 444-2506

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 One Denver Place  
 999 18th Street, Suite 500, Mail Stop 80EA  
 Denver, CO 80202-2405  
 (303) 293-1113/Fax: (303) 294-7665

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
 Chief, Educational Programs Branch  
 NASA Ames Research Center  
 Mail Stop TO-25  
 Moffett Field, CA 94035  
 (415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes; slides; audiotapes; publications; and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
 Teacher Resource Center  
 Mail Stop TO-25  
 Moffett Field, CA 94035  
 (415) 604-3574

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Western Montana College of the University  
 of Montana  
 NASA Regional Teacher Resource Center  
 Carson Library  
 Dillon, MT 59725  
 (406) 683-7541

### **Montana Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Montana Space Grant Consortium  
 Montana State University  
 AJM Johnson Hall  
 Bozeman, MT 59717  
 (406) 994-6170

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

Progress for Montana's Statewide Systemic Initiatives Program includes the addition of a State science director, a draft of the 9th-grade Integrated Mathematics Curriculum, technology grants to schools, and the establishment of technology laboratories on two university campuses.

Johnny Lott  
University of Montana  
Department of Mathematical Science  
Missoula, MT 59812  
(406) 243-2696/Fax: (406) 243-2674

Maurice Burke  
Montana State University  
Mathematics Department  
Bozeman, MT 59717-0240  
(406) 994-5344/Fax: (406) 994-3733

## NEBRASKA

### DEPARTMENT OF AGRICULTURE (USDA)

#### Ag In the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Ellen Hellerich  
Nebraska Farm Bureau Federation  
P.O. Box 80299  
Lincoln, NE 68501  
(402) 421-4400, ext. 2002/Fax: (402) 421-4432

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. William E. Caldwell, 4-H Assistant Director  
114 Agriculture Hall  
University of Nebraska  
Lincoln, NE 68583-0700

### DEPARTMENT OF EDUCATION (ED)

#### Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

C.L. Hutchins, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### SEA

James Woodland  
Eisenhower Mathematics and Science Program  
Nebraska Department of Education  
P.O. Box 84987, 301 Centennial Mall South  
Lincoln, NE 68509  
(402) 471-4329/Fax: (402) 471-0117

#### SAHE

Larry Scherer, Associate Academic Officer  
Eisenhower Mathematics and Science Program  
Coordinating Commission for Postsecondary Education  
P.O. Box 95005, 140 North Eighth Street  
Lincoln, NE 68509-5005  
(402) 471-0023

#### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Elizabeth Alfred, Facilitator Project Director  
Nebraska Department of Education  
301 Centennial Mall  
P.O. Box 94987  
Lincoln, NE 68509  
(402) 471-3440/2452/Fax: (402) 471-2113

## DEPARTMENT OF ENERGY (DOE)

### Western Area Power Administration

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

## DEPARTMENT OF THE INTERIOR (DOI)

### Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
P.O. Box 1828, 2515 Warren Avenue  
Cheyenne, WY 82003  
(307) 775-6001

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Carl Wolfe, Project WILD Coordinator  
Nebraska Game and Parks Commission  
P.O. Box 30370  
Lincoln, NE 68503  
(402) 471-0641

### Scotts Bluff National Monument

Rangers present in-school and onsite lectures on the geology and history of the Scotts Bluff National Monument.

Division of Interpretation  
Scotts Bluff National Monument  
P.O. Box 427  
Gering, NE 69341  
(308) 436-4340

## DEPARTMENT OF LABOR (DOL)

### Job Training Partnership Act Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Dan Dolan, Commissioner  
Nebraska Department of Labor  
P.O. Box 94600, 550 South 16th Street  
Lincoln, NE 68509-4600  
(402) 471-9000/Fax: (402) 471-2318

## DEPARTMENT OF TRANSPORTATION (DOT)

### Federal Aviation Administration (FAA)

#### Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Patrice Shalda, ACE-14  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3940/Fax: (816) 426-3022

### Federal Aviation Administration (FAA)

#### Aviation Education Resource Centers

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
University of Nebraska  
Dr. Brent Bowen, Director, Aviation Institute  
60th and Dodge  
Omaha, NE 68182-0508  
(402) 554-3424

Aviation Education Resource Center  
Nebraska Department of Aeronautics  
Val J. Hruska, Aviation Specialist  
P.O. Box 82088  
Lincoln, NE 68501-2088  
(402) 471-2371



## ENVIRONMENTAL PROTECTION AGENCY (EPA)

### EPA Regional Office

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 551-7066

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

### NASA Field Center

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office (AP-4)  
NASA Johnson Space Center  
Houston, TX 77058  
(713) 483-1257

### NASA Teacher Resource Center

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-4  
Houston, TX 77058  
(713) 483-8696

### NASA Regional Teacher Resource Centers

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers

may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Nebraska State Museum  
NASA Regional Teacher Resource Center  
14th and U Streets, 307 Morrill Hall  
Lincoln, NE 68588-0338  
(402) 472-6302

University of Nebraska at Omaha  
Mallory Kountze Planetarium  
Durham Science Center, Room 144  
60th and Dodge Streets  
Omaha, NE 68182-0266  
(402) 554-2510

### Nebraska Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Nebraska Space Grant Consortium  
Aviation Institute  
University of Nebraska at Omaha  
Omaha, NE 68182-0508  
(402) 554-3424

## NATIONAL SCIENCE FOUNDATION (NSF)

### Statewide Systemic Initiatives Program

Nebraska's Statewide Systemic Initiatives Program focuses on mathematics education. Progress includes the establishment of partnerships among school districts; curriculum enrichment; and the incorporation of technology into the classroom, including televised mathematics programs and an electronic computer network.

Karen Ward  
Nebraska Math and Science Coalition  
P.O. Box 880326  
Lincoln, NE 68588-0326  
(402) 472-8965/Fax: (402) 472-9311

W. James Lewis  
Nebraska Math and Science Coalition  
P.O. Box 880326  
Lincoln, NE 68588-0326  
(402) 472-8965/Fax: (402) 472-8466

# NEVADA

## DEPARTMENT OF AGRICULTURE (USDA)

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Nevada Ag in the Classroom Task Force  
1300 Marietta Way  
Sparks, NV 89431  
(702) 853-5696

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Kevin C. Kesler  
4-H Interim Assistant Director  
Nevada CES/222  
University of Nevada at Reno  
Reno, NV 89557-0106

## DEPARTMENT OF EDUCATION (ED)

### Far West Laboratory (FWL) for Educational Research and Development

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director  
Far West Laboratory for Educational  
Research and Development  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 565-3012

### Far West Eisenhower Regional Consortium for Science and Mathematics Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director  
Far West Eisenhower Regional Consortium  
for Science and Mathematics Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 241-2746

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### SEA

Holly Walton-Buchanan  
Eisenhower Mathematics and Science Program  
Nevada Department of Education  
Capitol Complex  
Carson City, NV 89710  
(702) 687-3136/Fax: (702) 687-5660

### SAHE

Karen J. Steinberg, Director of Institutional Research  
Eisenhower Mathematics and Science Program  
University and Community College System  
of Nevada  
2601 Enterprise Road  
Reno, NV 89512  
(702) 784-4022/Fax: (702) 784-1127

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Doris B. Betts, State Facilitator  
Nevada Department of Education  
Capitol Complex, 400 West King Street  
Carson City, NV 89710  
(702) 687-3187/Fax: (702) 687-4499

## DEPARTMENT OF ENERGY (DOE)

### Department of Energy Field Office

The Department of Energy Nevada Field Office manages outreach programs and teacher training programs and provides information on regional programs.

Rudy Cruz, Educational Outreach Coordinator  
Office of External Affairs  
DOE Field Office, Nevada  
P.O. Box 98518  
Las Vegas, NV 89193-8518  
(702) 295-4628/Fax: (702) 295-0154

#### **Raytheon Services Nevada**

Raytheon Services Nevada offers college scholarships to selected science students and sponsors academic contests, outreach programs, science fairs, and a career day.

Judith Schuhmacher, Manager  
Raytheon Services Nevada  
Office of External Affairs  
222 South Rainbow Boulevard, Suite 213  
Las Vegas, NV 89128  
(702) 794-5423

#### **Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

### **DEPARTMENT OF THE INTERIOR (DOI)**

#### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
P.O. Box 12000, 850 Harvard Way  
Reno, NV 89520-0006  
(702) 785-6586

#### **Great Basin National Park**

In addition to guided nature walks, Great Basin National Park offers a Junior Ranger Program that emphasizes ecology, conservation, and biology. Teacher workshops are available.

Division of Interpretation  
Great Basin National Park  
Baker, NV 89311  
(702) 234-7331

#### **Lake Mead National Recreation Area**

Environmental education programs are offered by the Lake Mead National Recreation Area for grades 1-6. Pre- and postvisit curriculum materials are provided.

Division of Interpretation  
Lake Mead National Recreation Area  
601 Nevada Highway  
Boulder City, NV 89005  
(702) 293-8906

#### **Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, ground-water flow models, and a series of children's story and action books.

Everett A. Jesse, Administrator  
Division of Water Planning  
Capitol Complex, 123 West Nye Lane  
Carson City, NV 89710  
(702) 687-3600

#### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Dave Spanger, Project WILD Coordinator  
Nevada Department of Wildlife  
1100 Valley Road  
Reno, NV 89520  
(702) 688-1555

### **DEPARTMENT OF LABOR (DOL)**

#### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Barbara Weinberg, Executive Director  
Nevada State Job Training Office  
Capitol Complex, 400 West King  
Carson City, NV 89710  
(702) 687-4310/Fax: (702) 687-3957

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Hank Verbais, AWP-5  
P.O. Box 92007, Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-1431/Fax: (310) 297-0125

**Federal Aviation Administration (FAA)****Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Galena High School Community Library  
Attention: Frankie Lukasko  
3600 Butch Cassidy Way  
Reno, NV 89511  
(702) 851-5630

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street, Mail Stop E2  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

**Environmental Monitoring Systems Laboratory**

The Nevada Environmental Monitoring Systems Laboratory has established a partnership with the local school district, which offers in-school presentations, demonstrations at the laboratory, and a science fair.

Mary Anne Carpenter, Community Outreach Coordinator  
Environmental Monitoring Systems Laboratory  
P.O. Box 93478  
Las Vegas, NV 89193-3478  
(702) 798-2168

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

**NASA Teacher Resource Center**

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NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

**Nevada Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Nevada Space Grant Consortium  
Desert Research Institute  
755 East Flamingo Road, Room 285  
Las Vegas, NV 89119  
(702) 895-0408

# NEW HAMPSHIRE

## DEPARTMENT OF AGRICULTURE (USDA)

### Ag In the Classroom State Leaders

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Laurie Bryan  
New Hampshire Farm Bureau  
295 Sheep Davis Road  
Concord, NH 03301  
(603) 224-1934/Fax: (603) 228-8432

Lynne Blye  
Department of Agriculture  
Caller Box 2042  
Concord, NH 03302  
(603) 271-3696/Fax: (603) 271-1109

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Edward H. McAllister, Program Leader  
4-H and Youth Development  
University of New Hampshire  
59 College Road, 119 Taylor Hall  
Durham, NH 03824

## DEPARTMENT OF COMMERCE (DOC)

### Great Bay National Estuarine Research Reserve

The Great Bay National Estuarine Research Reserve operates the Sandy Point Interpretive Center, which includes exhibits that describe the human and natural histories of the Bay. Some programs are available for secondary students and teachers.

Education Coordinator  
Great Bay National Estuarine Research Reserve  
New Hampshire Fish and Game Department  
225 Main Street  
Durham, NH 03824  
(603) 868-1095

## DEPARTMENT OF DEFENSE (DOD)

### Cold Regions Research and Engineering Laboratory

The Cold Regions Research and Engineering Laboratory manages an apprenticeship program for high school students.

U.S. Army Cold Regions Research and Engineering Laboratory  
Attention: Audrey Vaughan, Office of Human Resources  
72 Lyme Road  
Hanover, NH 03755-1290  
(603) 646-4131

## DEPARTMENT OF EDUCATION (ED)

### Regional Laboratory for Educational Improvement of the Northeast and Islands

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### Regional Alliance for Systemic Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220



**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Dr. Fernand J. Prevost  
Eisenhower Mathematics and Science Program  
New Hampshire Department of Education  
101 Pleasant Street  
Concord, NH 03301  
(603) 271-2632/Fax: (603) 271-1953

**SAHE**

Dr. Fernand J. Prevost  
Eisenhower Mathematics and Science Program  
New Hampshire Department of Education  
101 Pleasant Street  
Concord, NH 03301  
(603) 271-2632/Fax: (603) 271-1953

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Jared Shady  
New Hampshire Facilitator Center  
36 Coe Drive  
Durham, NH 03824  
(603) 224-9461/Fax: (603) 224-8925

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain

more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Judy Silverberg, Project WILD Coordinator  
New Hampshire Fish and Game Department  
Two Hazen Drive  
Concord, NH 03301  
(603) 271-3212

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Ray O. Worden, Executive Director  
New Hampshire Job Training Coordinating Council  
64B Old Suncook Road  
Concord, NH 03301  
(603) 228-9500/Fax: (603) 228-8557

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelia Bauer, ANE-45  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7379/Fax: (617) 238-7007

**Federal Aviation Administration (FAA)****Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
New Hampshire DOT Division of Aeronautics  
Attention: Ronald Wanner  
65 Airport Road, Concord Municipal Airport  
Concord, NH 03301-5298  
(603) 271-2551

Aviation Education Resource Center  
Daniel Webster College  
Hanna McCarthy, President  
20 University Drive  
Nashua, NH 03063-1699  
(603) 883-3556

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey  
Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

## **New Hampshire Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Hampshire Space Grant Consortium  
Institute for the Study of Earth, Oceans,  
and Space  
University of New Hampshire, Room 305A  
Durham, NH 03824-3525  
(603) 862-0094

# **NEW JERSEY**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Maryann Hutson  
New Jersey Department of Agriculture  
CN 330  
Trenton, NJ 08625  
(609) 292-8897/633-7463  
Fax: (609) 292-3978

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Mary Jane Willis, 4-H Interim Chair  
Cook College, Waller Hall  
P.O. Box 231  
New Brunswick, NJ 08903

## **DEPARTMENT OF DEFENSE (DOD)**

### **Armament Research, Development, and Engineering Center**

The Center offers both student hire and student apprenticeship programs, as well as outreach

assistance to nearby schools. Special tours of the arsenal museum are also available.

U.S. Army, ARDEC  
Public Affairs Office  
Picatinny Arsenal, NJ 07806-5000  
(201) 724-6365

## **DEPARTMENT OF EDUCATION (ED)**

### **Research for Better Schools, Inc. (RBS)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John E. Hopkins, Executive Director  
Research for Better Schools, Inc.  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### **Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium  
for Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### **SEA**

Randy Schaeffer  
Eisenhower Mathematics and Science Program  
Bureau of Curriculum and Technology  
New Jersey Department of Education  
CN 500  
Trenton, NJ 08625-0500  
(609) 292-1083/Fax: (609) 292-7276

### **SAHE**

Maria Rosado, Assistant Director  
Eisenhower Mathematics and Science Program  
New Jersey Department of Higher Education  
Office of Academic Programs  
CN 542, 20 West State Street  
Trenton, NJ 08625  
(609) 984-2677/Fax: (609) 984-9300

Dr. Marty Friedman  
Eisenhower Mathematics and Science Program  
Office of Educational Access  
Department of Higher Education  
CN 542, 20 West State Street  
Trenton, NJ 08625  
(609) 984-2683/Fax: (609) 984-9300

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Katherine Wallin  
Education Information and Resource Center  
New Jersey State Facilitator Project  
606 Delsea Drive  
Sewell, NJ 08080-9199  
(609) 582-7000/Fax: (609) 582-4206

## **DEPARTMENT OF ENERGY (DOE)**

### **Plasma Physics Laboratory**

Plasma Physics Laboratory welcomes field trips and provides guided tours of its facility. The Laboratory also sponsors a summer teachers institute and teacher workshops.

Diane Carroll, Head, Science Education Program  
J. Forrestal Campus, Plasma Physics Laboratory  
Princeton University  
P.O. Box 451, Route 1  
Princeton, NJ 08543  
(609) 243-2107/Fax: (609) 243-2160

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Miriam Dunne, Project WILD Coordinator  
New Jersey Division of Fish, Game, and Wildlife  
Request Center, Rural Route 1, Box 389  
Oxford, NJ 07863  
(908) 637-4125

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Raymond L. Bramucci, Commissioner  
State of New Jersey Department of Labor  
CN110  
Trenton, NJ 08625  
(609) 292-2323/Fax: (609) 633-9271

**DEPARTMENT OF TRANSPORTATION (DOT)**

**Federal Aviation Administration (FAA)  
Aviation Education Representatives**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Jim Szakary, AEA-17  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-1056/Fax: (718) 553-0058

FAA Aviation Education Representative  
Technical Center  
Michele Pareene, ACM-100  
Atlantic City International Airport  
Human Resources, Management Division  
Atlantic City, NJ 08405  
(609) 485-6032/Fax: (609) 485-4391

**Federal Aviation Administration (FAA)  
Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Northeast Curriculum Coordination Center  
Attention: Dr. Martha Pocs  
Division of Vocational Education  
Crest Way  
Aberdeen, NJ 07747  
(908) 290-1900

Aviation Education Resource Center  
Atlantic Community College  
Attention: Paul Rigby  
5100 Black Horse Pike  
Mays Landing, NJ 08330  
(609) 343-5113

**ENVIRONMENTAL PROTECTION  
AGENCY (EPA)**

**EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
26 Federal Plaza, Mail Stop Room 905  
New York, NY 10278  
(212) 264-2980/Fax: (212) 264-8109

**NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION (NASA)**

**NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege

education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey, Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

### **New Jersey Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Jersey Space Grant Consortium  
Stevens Institute of Technology  
Castle Point on the Hudson  
Hoboken, NJ 07030  
(201) 216-5558

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

New Jersey's Statewide Systemic Initiatives Program, "Achieving Excellence in Mathematics, Science, and Technology Education," establishes a network of 10-14 institutional sites across the State, which will concentrate on teacher skill enhancement. Fundamental and structural reform in districts with low achievement and high levels of poverty will also be a priority.

Gerald Goldin  
Center for Mathematics, Science, and  
Computer Education  
SERC Building, Room 239  
Rutgers University, Busch Campus  
Piscataway, NJ 08855-1179  
(908) 932-3538/Fax: (908) 932-3477

Randy Shaeffer  
New Jersey Department of Education  
CN 500  
Trenton, NJ 08625-0500  
(609) 292-4455/Fax: (609) 292-1611

# **NEW MEXICO**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

E.G. Blanton  
New Mexico Farm and Livestock Bureau  
421 North Water  
Las Cruces, NM 88001  
(505) 526-5521/Fax: (505) 525-0858

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Mary Ellen McKay, Extension Department Head  
4-H and Family  
Gerald Thomas Hall, Room 286  
Drawer 3AE, New Mexico State University  
Las Cruces, NM 88003

## **DEPARTMENT OF DEFENSE (DOD)**

### **Phillips Laboratory**

Phillips Laboratory offers various student apprenticeship programs designed to motivate students towards engineering and technical careers.



Office of Personnel  
PL-CP  
3550 Aberdeen SE.  
Kirkland Air Force Base, NM 87117-6008

## **DEPARTMENT OF EDUCATION (ED)**

### **Southwest Educational Development Laboratory (SEDL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development  
Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### **Southwest Consortium for the Improvement of Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement  
of Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Claire Fenton  
Eisenhower Mathematics and Science Program  
New Mexico Department of Education  
300 Don Gaspar Street  
Santa Fe, NM 87501-2786  
(505) 827-6561/Fax: (505) 827-6696

#### **SAHE**

Dr. Bill Simpson  
Eisenhower Mathematics and Science Program  
New Mexico Commission of Higher Education  
1068 Cerrillos Road  
Santa Fe, NM 87501-4295  
(505) 827-7383/Fax: (505) 827-7392

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Amy L. Atkins, New Mexico State Facilitator  
Department of Educational Foundations  
University of New Mexico, College of Education  
Onate Hall, Room 223  
Albuquerque, NM 87131  
(505) 277-5204/Fax: (505) 277-7991

## **DEPARTMENT OF ENERGY (DOE)**

### **Inhalation Toxicology Research Institute**

Inhalation Toxicology Research Institute participates in the Teacher Research Associates Program.

David Bice, Education Coordinator  
Inhalation Toxicology Research Institute  
P.O. Box 5890  
Albuquerque, NM 87185  
(505) 845-1019/Fax: (505) 845-1198

### **Los Alamos National Laboratory**

Los Alamos National Laboratory provides teacher workshops, student internships, field trips, summer programs for students, and outreach programs.

Judith Kaye  
Educational Outreach Office  
Los Alamos National Laboratory  
P.O. Box 1663, HRD-5, Mail Stop P278  
Los Alamos, NM 87545  
(505) 667-1919/Fax: (505) 665-4093

### **Sandia National Laboratories (New Mexico)**

Sandia National Laboratories (New Mexico) offer a science enhancement program for teachers and science and mathematics workshops for students. Sandia also manages a student mentorship program.

William Dawes, Jr., Manager  
 Sandia National Laboratories  
 Educational Outreach  
 P.O. Box 5800  
 Albuquerque, NM 87185  
 (505) 844-9364/Fax: (505) 844-1790

#### **Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
 Western Area Power Administration  
 P.O. Box 3402  
 Golden, CO 80401-3402  
 (303) 231-1652

### **DEPARTMENT OF THE INTERIOR (DOI)**

#### **Aztec Ruins National Monument**

Aztec Ruins National Monument offers educators guided walks and a teacher's guide that focuses primarily on anthropology and history, but also incorporates aspects of environmental education.

Interpretation Division  
 Aztec Ruins National Monument  
 P.O. Box 640  
 Aztec, NM 87410  
 (505) 334-6174

#### **Bosque del Apache National Wildlife Refuge**

Teacher workshops, in-school presentations, and various other environmental education activities are offered through the Bosque del Apache National Wildlife Refuge.

Outdoor Recreation Planner  
 P.O. Box 1246  
 Socorro, NM 87801  
 (505) 835-1828

#### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera  
 Bureau of Land Management  
 P.O. Box 27115  
 Santa Fe, NM 87502-0115  
 (505) 438-7841

#### **Carlsbad Caverns**

Programs offered at Carlsbad Caverns educate students and teachers about the site's geology and natural history.

Division of Interpretation  
 Carlsbad Caverns  
 3225 National Parks Highway  
 Carlsbad, NM 88220  
 (505) 785-2232

#### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Heidi Solper, Project WILD Coordinator  
 New Mexico Game and Fish Department  
 State Capitol Building  
 Santa Fe, NM 87503  
 (505) 827-7867

### **DEPARTMENT OF LABOR (DOL)**

#### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Patrick G. Baca, Secretary  
 New Mexico Department of Labor  
 P.O. Box 1928  
 Albuquerque, NM 87103  
 (505) 841-8409/Fax: (505) 841-8491

### **DEPARTMENT OF TRANSPORTATION (DOT)**

#### **Federal Aviation Administration (FAA)**

##### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
 Debra Myers, ASW-5  
 4400 Blue Mound Road  
 Fort Worth, TX 76193-0005  
 (817) 624-5804/Fax: (817) 740-3260

**Federal Aviation Administration (FAA)  
Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
University of New Mexico  
Richard S. Sanchez, Director  
FAA/NASA Teacher Resource Center  
Division of Continuing Education  
Albuquerque, NM 87131-4006  
(505) 277-2631

Aviation Education Resource Center  
New Mexico State University  
Attention: Judy McShannon  
Goddard Hall, Room 103  
Las Cruces, NM 88003-0001  
(505) 646-6414

**ENVIRONMENTAL PROTECTION AGENCY  
(EPA)**

**EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

**NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION (NASA)**

**NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office (AP-4)  
NASA Johnson Space Center  
Houston, TX 77058  
(713) 483-1257

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-4  
Houston, TX 77058  
(713) 483-8696

**NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

New Mexico State University  
NASA Regional Teacher Resource Center  
New Mexico Space Grant Consortium  
Box 30001, Department SG  
Las Cruces, NM 88003-0001  
(505) 646-6414

University of New Mexico  
NASA Regional Teacher Resource Center  
Continuing Education and Community Service  
1634 University N.E.  
Albuquerque, NM 87131-4006  
(505) 277-3861

**New Mexico Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Mexico Space Grant Consortium  
New Mexico State University  
P.O. Box 30001, Department SG  
Las Cruces, NM 88003-0001  
(505) 646-6414

**NATIONAL SCIENCE FOUNDATION (NSF)****Statewide Systemic Initiatives Program**

New Mexico's Statewide Systemic Initiatives Program will advocate restructuring mathematics and science education, coordinate resources, and include the RE:Learning model for school-based reform to incorporate new content and pedagogy into mathematics and science curricula.

Mary Finch  
1300 Camino Sierra Vista, #13  
Santa Fe, NM 87501  
(505) 984-0404/Fax: (505) 989-3882

David Colton  
University of New Mexico  
Albuquerque, NM 87131  
(505) 277-1999/Fax: (505) 277-7976

**NEW YORK****DEPARTMENT OF AGRICULTURE (USDA)****Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Betty Wolanyk  
Cornell University  
408 Kennedy Hall  
Ithaca, NY 14853-5901  
(607) 255-8122/Fax: (607) 255-7905

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Mary Lou Brewer  
Assisting Director, Cornell CES  
4-H Youth Development  
Roberts Hall, Room 354  
Ithaca, NY 14853

**DEPARTMENT OF COMMERCE (DOC)****Hudson River National Estuarine Research Reserve**

The Hudson River National Estuarine Research Reserve offers professional development workshops for educators and operates an Educational Resource Library. The Reserve also has onsite and outreach interpretive programs.

Education Coordinator  
Hudson River National Estuarine  
Research Reserve  
New York State Department of Environmental  
Conservation  
c/o Bard College Field Station  
Annandale, NY 12504-5000  
(914) 758-5193

**DEPARTMENT OF EDUCATION (ED)****Regional Laboratory for Educational Improvement of the Northeast and Islands**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational  
Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

**Regional Alliance for Systemic Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Laurie A. Rowe  
Linda Stehr  
Eisenhower Mathematics and Science Program  
New York Education Department  
89 Washington Avenue, Room 469  
Albany, NY 12234  
(518) 474-2380/Fax: (518) 473-7737

#### **SAHE**

Dr. Immaculate Mary Amuge  
Carol Blunt-White  
Eisenhower Mathematics and Science Program  
New York State Education Department  
Empire State Plaza  
Cultural Education Center, Room 5064  
Albany, NY 12230  
(518) 486-6042/Fax: (518) 486-5221

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Laurie A. Rowe, State Facilitator  
New York Education Department  
Room 469 EBA  
Washington Avenue  
Albany, NY 12234  
(518) 474-2380/Fax: (518) 473-2860

## **DEPARTMENT OF ENERGY (DOE)**

### **Brookhaven National Laboratory**

Brookhaven National Laboratory provides teacher workshops and student research apprenticeship, outreach, and onsite programs.

Karl Swyler, Acting Head  
Educational Programs  
Brookhaven National Laboratory  
30 Bell Avenue, Building 490  
Upton, NY 11973  
(516) 282-3054/Fax: (516) 282-5832

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Fire Island National Seashore**

Programs include guided nature walks, teacher workshops, and a Junior Ranger Program. A teacher's guide that emphasizes the geology, history, ecology, and zoology of Fire Island is available.

Division of Interpretation  
Fire Island National Seashore  
120 Laurel Street  
Patchogue, NY 11772  
(516) 289-4810

### **Gateway National Recreation Area**

Programs at the Gateway National Recreation Area are primarily for grades 4-6, although programs can be arranged for other grade levels. Teachers must attend a 1-day seminar about the park prior to bringing their students.

Division of Interpretation  
Gateway National Recreation Area  
Building 69, Floyd Bennett Field  
Brooklyn, NY 11234  
(718) 338-3625

### **Iroquois National Wildlife Refuge**

Teacher workshops and guided tours are offered at the Iroquois National Wildlife Refuge to promote environmental education.

Outdoor Recreation Planner  
Iroquois National Wildlife Refuge  
P.O. Box 517, Casey Road  
Alabama, NY 14003  
(716) 948-9154

### **Long Island National Wildlife Refuge Complex**

Teacher workshops held at the Long Island National Wildlife Refuge Complex promote



environmental education, curriculum materials, and various interpretation programs for students.

Outdoor Recreation Planner  
Long Island National Wildlife Refuge Complex  
P.O. Box 21  
Shirley, NY 11967  
(516) 286-0485

#### **Montezuma National Wildlife Refuge**

Montezuma National Wildlife Refuge has a video library, environmental education activities, curriculum materials, and guided nature tours.

Outdoor Recreation Planner  
Montezuma National Wildlife Refuge  
3395 Route 5/20 East  
Seneca Falls, NY 13148  
(315) 568-5987

#### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Frank Knight  
New York Department of Environmental  
Conservation  
50 Wolf Road, Room 504  
Albany, NY 12233  
(518) 547-3720

#### **DEPARTMENT OF LABOR (DOL)**

##### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

John F. Hudacs, Commissioner  
New York State Department of Labor  
State Office Building Campus  
Building 12, Room 500  
Albany, NY 12240  
(518) 457-2741/Fax: (518) 457-6908

#### **DEPARTMENT OF TRANSPORTATION (DOT)**

##### **Federal Aviation Administration (FAA)**

##### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation

education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Jim Szakary, AEA-17  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-1056/Fax: (718) 553-0058

#### **Federal Aviation Administration (FAA)**

##### **Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Dowling College  
Dr. Albert E. Donor, Provost and Executive  
Vice President  
Oakdale, NY 11769  
(516) 244-3200

#### **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

##### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
26 Federal Plaza, Mail Stop Room 905  
New York, NY 10278  
(212) 264-2980/Fax: (212) 264-8109

#### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

##### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey  
Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

#### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

#### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

The City College  
NASA Regional Teacher Resource Center  
Harris Hall, Room 109  
Convent Avenue at 138th Street  
New York, NY 10031  
(212) 650-6993/5441

#### **New York Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New York Space Grant Consortium  
Department of Astronomy  
Cornell University  
312 Space Sciences Building  
Ithaca, NY 14853  
(607) 255-5982

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

The New York Statewide Systemic Initiatives Program's New Compact for Learning is a major reform in the State's six largest urban school districts: New York, Buffalo, Albany, Syracuse, Rochester, and Yonkers. Under this program, the districts develop or expand local partnerships. States provide support through State field-based assistance teams, staff development efforts, and a new school quality review program.

Thomas Sobol, Commissioner  
State Education Department  
Washington Avenue  
Albany, NY 12234  
(518) 473-7155

Carolyn Graham  
State Education Department  
Washington Avenue  
Albany, NY 12234  
(518) 473-9471/Fax: (518) 473-0259

## **NORTH CAROLINA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Janice Shepard  
North Carolina Farm Bureau  
P.O. Box 27766  
Raleigh, NC 27611  
(919) 782-1705/Fax: (919) 783-3593

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dalton R. Proctor  
Assistant Director, Extension State 4-H Leader  
North Carolina State University  
P.O. Box 7606  
Raleigh, NC 27695-7606

## DEPARTMENT OF COMMERCE (DOC)

### The National Climatic Data Center

The National Climatic Data Center publishes meteorological and climatic data that are available to the public for a fee. A catalog listing the products and costs is available.

Jenny Pressley/Education  
National Climatic Data Center  
National Environmental Satellite, Data,  
and Information Service  
National Oceanic and Atmospheric  
Administration  
Federal Building  
Asheville, NC 28801-2733  
(704) 271-4258

### North Carolina National Estuarine Research Reserve

The North Carolina National Estuarine Research Reserve offers educational services for school groups, interpretive services, and educational curriculum development. A field guide is available.

Education Coordinator  
North Carolina National Estuarine Research  
Reserve  
North Carolina Division of Coastal  
Management  
7205 Wrightsville Avenue  
Wilmington, NC 28403  
(919) 256-3721

## DEPARTMENT OF EDUCATION (ED)

### SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(919) 334-3211/Fax: (919) 334-3268  
(800) 755-3277

### SERVE Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Francena Cummings, Director  
SERVE Consortium for Mathematics  
and Science Education  
345 South Magnolia Drive, Suite D-23  
Tallahassee, FL 32301-2950  
(904) 922-2300/Fax: (904) 922-2286  
(800) 854-0476

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### SEA

Dr. Mary H. Lamm  
Eisenhower Mathematics and Science Program  
North Carolina Department of Public Instruction  
116 West Edenton Street  
Raleigh, NC 27603-1712  
(919) 733-8317/Fax: (919) 733-4762

### SAHE

Dr. Peggy Franklin  
Eisenhower Mathematics and Science Program  
Peabody Hall, Room 201  
Mathematics and Science Education Network  
Chapel Hill, NC 27599-3345  
(919) 966-3256/Fax: (919) 962-1316

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Linda Love, Project Director  
Division of Development Services  
North Carolina Department of Public Instruction  
116 West Edenton Street  
Raleigh, NC 27603-1712  
(919) 715-1363/Fax: (919) 715-1204

**DEPARTMENT OF ENERGY (DOE)**

**The Magic School Bus**

This museum project plans activities and programs for museums to enhance The Magic School Bus television series. A prepackaged kit is complete with display materials, marketing tools, and hands-on components to create individual Magic School Bus exhibits and hands-on activity areas.

U.S. Department of Energy  
1000 Independence Avenue SW.  
ST-50  
Washington, DC 20585  
(202) 586-8949/Fax: (202) 586-0019

**DEPARTMENT OF HEALTH AND HUMAN SERVICES (HHS)**

**National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health**

For information on life sciences education programs supported by the National Institute of Environmental Health Sciences, contact:

National Institute of Environmental Health Sciences  
National Institutes of Health  
Office of Institutional Development  
Mail Drop B2-09  
Research Triangle Park, NC 27709  
(919) 541-4265

**DEPARTMENT OF THE INTERIOR (DOI)**

**Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Cape Hatteras National Seashore**

Environmental education programs are available for 4th-grade students at Cape Hatteras National Seashore. Guided tours and lectures are offered to all grade levels.

Division of Interpretation  
Cape Hatteras National Seashore  
Route 1, Box 675  
Manteo, NC 27954  
(919) 473-2111

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Celeste Wescott, Project WILD Coordinator  
North Carolina Wildlife Resources Commission  
512 North Salisbury Street  
Raleigh, NC 27611  
(919) 733-7123

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Joel C. New, Director  
Division of Employment and Training  
North Carolina Department of Commerce  
111 Seaboard Avenue  
Raleigh, NC 27604  
(919) 733-6383/Fax: (919) 733-6923

**DEPARTMENT OF TRANSPORTATION (DOT)**

**Federal Aviation Administration (FAA)  
Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO-17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763-7500/Fax: (404) 763-7178

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE.  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

### **Research Triangle Park Laboratories and Offices**

The facilities at Research Triangle Park offer teacher training in environmental matters, and staff participate in educational activities such as summer science camps for students and in-school presentations.

Rhoda Ritzenberg  
U.S. Environmental Protection Agency  
(MB-50)  
Research Triangle Park, NC 27711  
(919) 541-2615

Anne Pope  
U.S. Environmental Protection Agency  
(MB-14)  
Research Triangle Park, NC 27711  
(919) 541-5373

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational Programs Officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Roger Hathaway  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3312

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
Virginia Air and Space Center  
600 Settler's Landing Road  
Hampton, VA 23669  
(804) 727-0800

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of North Carolina at Charlotte  
NASA Regional Teacher Resource Center  
J. Murrey Atkins Library  
Charlotte, NC 28223  
(704) 547-2559

### **North Carolina Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations with an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

North Carolina Space Grant Consortium  
North Carolina State University  
Campus Box 7921  
Raleigh, NC 27695-7921  
(919) 515-5939

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

Developed by the State's Science and Mathematics Alliance, North Carolina's Statewide Systemic Initiatives Program brings public schools, industry, community, and university-technical colleges together to collaborate on issues in mathematics and science education. In addition, 10 regional partnerships have been established to address local needs.



Denis DuBay, Director  
North Carolina Science and Mathematics  
Alliance  
410 Oberlin Road, Suite 306  
Raleigh, NC 27605  
(919) 733-9161/Fax: (919) 733-4857

## **NORTH DAKOTA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Sarah Nordby  
North Dakota Department of Agriculture  
600 East Boulevard, Sixth Floor  
Bismarck, ND 58501-0020  
(701) 224-4757/Fax: (701) 224-4567

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Wayne Hankel, Program Leader  
4-H Youth Development  
North Dakota State University  
219 FLC, P.O. Box 5016  
Fargo, ND 58105

### **DEPARTMENT OF EDUCATION (ED)**

#### **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

C.L. Hutchins, Executive Director  
Mid-continent Regional Educational  
Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### **Eisenhower High Plains Consortium for Mathematics and Science**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium  
for Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Dr. James Babb  
Eisenhower Mathematics and Science Program  
Minot State University  
Minot, ND 58701  
(701) 857-3075/Fax: (701) 224-3000

#### **SAHE**

Dr. Drake Carter  
Eisenhower Mathematics and Science Program  
Bismarck State College, Biology Department  
Bismarck, ND 58501  
(701) 224-5459/Fax: (701) 224-5555

#### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Jolene Richardson, State Facilitator  
Division of Independent Study  
North Dakota State University  
P.O. Box 5036  
Fargo, ND 58105-5036  
(701) 239-7287

**DEPARTMENT OF ENERGY (DOE)****Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
222 North 32nd Street, P.O. Box 36800  
Billings, MT 59107  
(406) 255-2913

**Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, ground-water flow models, and a series of children's story and action books.

Bill Sharff  
State Water Commission  
900 East Boulevard  
Bismarck, ND 58505  
(701) 224-4833

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Dave Jensen, Project WILD Coordinator  
North Dakota Game and Fish  
100 North Bismarck Expressway  
Bismarck, ND 58501-5095  
(701) 221-6300

**Theodore Roosevelt National Park**

Programs at the Theodore Roosevelt National Park include guided nature walks and activities that focus primarily on environmental education and park ecology.

Division of Interpretation  
Theodore Roosevelt National Park  
Box 7  
Medora, ND 58645  
(701) 623-4466

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Gerald P. Balzer, Executive Director  
North Dakota Office of Job Service  
1000 East Divide Avenue, P.O. Box 1537  
Bismarck, ND 58502-1537  
(701) 224-2836/Fax: (701) 224-4000

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Lee Carlson, AGL-5A  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7184

**Federal Aviation Administration (FAA)****Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
University of North Dakota  
Charles L. Robertson, Assistant Professor  
Department of Aviation  
Box 8216, University Station  
Grand Forks, ND 58202-8216  
(701) 777-2791

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
One Denver Place, Mail Stop 80EA  
999 18th Street, Suite 500  
Denver, CO 80202-2405  
(303) 293-1113/Fax: (303) 294-7665

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office (AP-4)  
NASA Johnson Space Center  
Houston, TX 77058  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-4  
Houston, TX 77058  
(713) 483-8696

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers

may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of North Dakota  
NASA Regional Teacher Resource Center  
The Wayne Peterson Room  
Earth Systems Science Building  
Space Studies Department  
P.O. Box 9008, University Station  
Grand Forks, ND 58202-9008  
(701) 777-4856  
(800) 828-4274

### **North Dakota Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

North Dakota Space Grant Consortium  
Department of Space Studies  
University of North Dakota  
Grand Forks, ND 58202  
(701) 777-2480

# **OHIO**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Judy Roush  
Agriculture Awareness Council  
P.O. Box 479  
Columbus, OH 43216-0479  
(614) 249-2429/Fax: (614) 644-5702

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

James Helt, Assistant Director and  
State Leader  
4-H Youth Development  
Ohio State University  
Agriculture Administration Building  
2120 Fyffe Road  
Columbus, OH 43210-1084

## DEPARTMENT OF COMMERCE (DOC)

### Old Woman Creek National Estuarine Research Reserve

The Old Woman Creek National Estuarine Research Reserve offers teacher workshops that train teachers on how to use the reserve as an outdoor laboratory. Reservations are required.

Education Coordinator  
Old Woman Creek National Estuarine  
Research Reserve  
2514 Cleveland Road, East  
Huron, OH 44839  
(419) 433-4601/Fax: (419) 433-2851

## DEPARTMENT OF DEFENSE (DOD)

### Wright Patterson Air Force Base Wright Laboratory

Wright Patterson Air Force Base and Wright Laboratory offer a range of programs for both teachers and students, including the Wright State Engineering Precollege Program, which is a partnership among the Air Force, the private sector, and Wright State University. Programs are designed for educators and students within the Dayton area. In addition, Wright Patterson Air Force Base houses the Air Force Museum.

Education Coordinator  
WL-DOP  
Wright Patterson AFB, OH 45433  
(513) 255-5573

## DEPARTMENT OF EDUCATION (ED)

### North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational  
Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

### Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics  
and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### SEA

Dr. Greg M. Stubbs  
Eisenhower Mathematics and Science Program  
Ohio Department of Education  
65 South Front Street, Room 611  
Columbus, OH 43266-0308  
(614) 752-9573/Fax: (614) 752-4818

#### SAHE

Marlene Rushay  
Eisenhower Mathematics and Science Program  
Ohio Board of Regents, 36th Floor  
3600 State Office Tower  
30 East Broad Street  
Columbus, OH 43266-0417  
(614) 752-9475/Fax: (614) 466-5866

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Mary Ellen Murray, Ohio Facilitation Center  
Ohio Department of Education  
Division of Curriculum/Instruction and  
Professional Development  
65 South Front Street  
Columbus, OH 43266-0308  
(614) 466-2761/Fax: (614) 752-8148

### **Eisenhower National Clearinghouse**

The Eisenhower National Clearinghouse will develop a comprehensive collection and catalog of K-12 curriculum materials. Databases containing the catalog of materials in various formats, text, and evaluations of selected materials and other resources for mathematics and science education will be available online and on CD-ROM.

Len Simutis, Director  
Eisenhower National Clearinghouse for  
Mathematics and Science Education  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1079  
(614) 292-7784/Fax: (614) 292-2066  
E-mail: info@ENC.org

### **ERIC Clearinghouse for Science, Mathematics, and Environmental Education**

The ERIC Clearinghouse acquires, selects, and processes high-quality printed materials in science, mathematics, and environmental education.

David Haury  
ERIC Clearinghouse for Science, Mathematics,  
and Environmental Education  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1080  
(614) 292-6717

### **National Center for Science Teaching and Learning**

The research focus of the National Center for Science Teaching and Learning is on noncurricular external factors that affect students and teachers from K-12.

National Center for Science Teaching  
and Learning  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1015  
(614) 292-3339

## **DEPARTMENT OF ENERGY (DOE)**

### **Fernald Environmental Management Project**

Fernald Environmental Management Project manages summer workshops and programs for both students and teachers. In addition, the project sponsors a speaker's bureau, academic competitions, and science fairs.

Sue Waltale  
Educational Outreach  
Fernald Environmental Management Project  
P.O. Box 398704  
Cincinnati, OH 45239-8704  
(513) 648-6321/Fax: (513) 648-6903

### **Mound Facility**

Mound Facility sponsors teacher workshops, inclass science demonstrations, mentoring programs, and academic competitions.

William Taylor, Education Programs Consultant  
Mound Facility  
EG&G Applied Technologies  
P.O. Box 3000  
Miamisburg, OH 45343  
(513) 561-4866/Fax: (513) 865-3679

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Cuyahoga Valley National Recreation Area**

Cuyahoga Valley National Recreation Area offers environmental programs both onsite and in the classroom. Guided nature walks are available. Cuyahoga is developing an environmental residence center that provides resources and programs.

Division of Interpretation  
Cuyahoga Valley National Recreation Area  
15610 Vaughn Road  
Brecksville, OH 44141  
(216) 526-5256



**Ottawa National Wildlife Refuge**

Environmental education programs at the Ottawa National Wildlife Refuge include guided tours and teacher guides and workshops.

Outdoor Recreation Planner  
Ottawa National Wildlife Refuge  
14000 West State Road, Route 2  
Oak Harbor, OH 43449  
(216) 898-0014

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Paul Schiff, Project WILD Coordinator  
Ohio Division of Wildlife  
1840 Belcher Drive, Fountain Square G-1  
Columbus, OH 43224  
(614) 265-6316

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Evelyn Bissonnette, Director  
Job Training Partnership—Ohio Division  
Ohio Bureau of Employment Services  
145 South Front Street, Fourth Floor  
Columbus, OH 43215  
(614) 466-3817/Fax: (614) 752-6582

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Lee Carlson, AGL-5A  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7184

**Federal Aviation Administration (FAA)  
Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Bowling Green State University  
Stephen M. Quilty, A.A.E.  
Assistant Professor, Aerotechnology Program  
Technology Annex  
Bowling Green, OH 43403-0307  
(419) 372-8926

**ENVIRONMENTAL PROTECTION AGENCY  
(EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

**Center for Environmental Learning**

The Center for Environmental Learning coordinates environmental education programs for both the Risk Reduction and the Environmental Monitoring Systems Laboratories. The Center sponsors environmental conferences and conventions, the development of curriculum materials, and a variety of programs for students in grades K-12.

Environmental Education Coordinator  
Center for Environmental Learning  
26 West Martin Luther Avenue  
Cincinnati, OH 45268  
(513) 569-7212/Fax: (513) 569-7770

**NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering

national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Lynn Bondurant  
Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135  
(216) 433-5583

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135  
(216) 433-2017

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Cincinnati  
NASA Regional Teacher Resource Center  
Curriculum Resources Center  
Mail Location 0219  
1613 Blegen Library  
Cincinnati, OH 45221-0219  
(513) 556-1430

### **Ohio Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Ohio Space Grant Consortium  
Ohio Aerospace Institute  
22800 Cedar Point Road  
Brook Park, OH 44142  
(216) 962-3020

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

Components of Ohio's Statewide Systemic Initiatives Program include the creation of a framework and process for preservice education and sustained professional development of mathematics and science teachers. Regional centers that are staffed by teams of mathematicians, scientists, and educators focus on content areas and inquiry-based instruction.

Jane Butler Kahle  
Miami University  
Oxford, OH 45056  
(513) 529-1686/Fax: (513) 529-2110

Kenneth G. Wilson  
The Ohio State University  
Department of Physics  
174 West 18th Avenue  
Columbus, OH 43210-1106  
(614) 292-8686/Fax: (614) 292-3221

## **OKLAHOMA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

JoDahl Theimer  
Oklahoma Department of Agriculture  
2800 North Lincoln Boulevard  
Oklahoma City, OK 73105  
(405) 521-3868/Fax: (405) 521-4912

Dr. James Rutledge  
4-H Youth Development  
Oklahoma State University  
205 Poultry Science  
Stillwater, OK 74078  
(405) 744-5390/Fax: (405) 744-9693

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The

State 4-H leaders coordinate outreach services and training to all county offices.

Dr. James A. Rutledge, State 4-H Program  
Leader  
Oklahoma State University  
Room 205, Poultry Building  
Stillwater, OK 74078-0330

## DEPARTMENT OF EDUCATION (ED)

### Southwest Educational Development Laboratory (SEDL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development  
Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement  
of Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### SEA

Clarita Goodwin, Assistant Deputy State  
Superintendent  
Keith Haley  
Nancy S. Brock  
Oklahoma Department of Education  
2500 North Lincoln Boulevard  
Oklahoma City, OK 73105  
(405) 521-3361/Fax: (405) 521-6201

### SAHE

Joe Hagy  
Eisenhower Mathematics and Science Program  
Oklahoma Regents for Higher Education  
500 Education Building, State Complex  
Oklahoma City, OK 73105-4503  
(405) 524-9100/Fax: (405) 524-9230

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Deborah Murphy  
Oklahoma Facilitator Center  
123 East Broadway  
Cushing, OK 74023  
(918) 225-1882/Fax: (918) 225-4711

## DEPARTMENT OF ENERGY (DOE)

The Department of Energy has no major field facility in Oklahoma, however, DOE is affiliated with programs and partnerships in the State.

National Renewable Energy Laboratory  
James Evans, Regional Coordinator  
1617 Cole Boulevard  
Building 17, Room 384  
Golden, CO 80401-3393  
(303) 275-4725/Fax: (303) 275-4788

## DEPARTMENT OF THE INTERIOR (DOI)

### Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera  
Bureau of Land Management  
P.O. Box 27115  
Santa Fe, NM 87502-0115  
(505) 438-7841

### **Chickasaw National Recreation Area**

Chickasaw National Recreation Area offers guided nature walks that focus on geology and environmental education.

Division of Interpretation  
Chickasaw National Recreation Area  
P.O. Box 201  
Sulphur, OK 73086  
(405) 622-3165

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Lisa Anderson, Project WILD Co-Coordinator  
Department of Wildlife Conservation  
1801 North Lincoln Boulevard  
Oklahoma City, OK 73105  
(405) 521-4633

### **Wichita Mountains National Wildlife Refuge**

Wichita Mountains National Wildlife Refuge offers environmental education programs, including teacher-accredited workshops. Curriculum materials are available.

Outdoor Recreation Planner  
Wichita Mountains National Wildlife Refuge  
Route 1, Box 448  
Indiahoma, OK 73552  
(405) 429-3221

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Glen E. Robards, Jr., Director of JTPA  
Oklahoma Employment Security Commission  
201 Will Rogers Building  
Oklahoma City, OK 73105  
(405) 557-5329/Fax: (405) 557-7256

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representatives**

The Federal Aviation Administration Aviation Education Representative coordinates aviation

education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Debra Myers, ASW-5  
4400 Blue Mound Road  
Fort Worth, TX 76193-0005  
(817) 624-5804/Fax: (817) 740-3260

FAA Aviation Education Representative  
Aeronautical Center  
Robert Hoppers, AAC-5  
P.O. Box 25082, Headquarters Building,  
Room 356  
Oklahoma City, OK 73125  
(405) 680-7500/Fax: (405) 954-4551

### **Federal Aviation Administration (FAA) Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
University of Oklahoma  
Dr. Lee Morris, Director  
Education and Aviation/Aerospace  
1700 Asp Avenue  
Norman, OK 73037-0001  
(405) 325-1964

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

### **Robert S. Kerr Environmental Research Laboratory**

Student employment and partnership programs are offered through the Robert S. Kerr Environmental Research Laboratory.

U.S. Environmental Protection Agency  
Robert S. Kerr Environmental Research  
Laboratory  
P.O. Box 1198  
Ada, OK 74820  
(405) 338-8800

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office (AP-4)  
NASA Johnson Space Center  
Houston, TX 77058  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-4  
Houston, TX 77058  
(713) 483-8696

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Oklahoma State University  
NASA Regional Teacher Resource Center  
300 North Cordell  
Stillwater, OK 74078-0422  
(405) 744-7015

### **Oklahoma Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and

other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Oklahoma Space Grant Consortium  
University of Oklahoma  
Sarkey's Energy Center, College of  
Geosciences  
100 East Boyd Avenue, Suite 1210  
Norman, OK 73019-0628  
(405) 325-1240

## **OREGON**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Kay Shidler  
Agri-Business Council  
1200 NW. Front Avenue, Suite 290  
Portland, OR 97209-2800  
(503) 221-8756/Fax: (503) 221-2927

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Owen D. Osborne, Interim State  
4-H Leader  
Ballard Extension Hall 105  
Oregon State University  
Corvallis, OR 97331-3608

### **DEPARTMENT OF COMMERCE (DOC)**

#### **National Oceanic and Atmospheric Administration (NOAA)**

The National Oceanic and Atmospheric Administration coordinates efforts to educate the public about Earth systems science and to increase awareness of the Agency's mission.



Judy Sohl, Educational Affairs Division  
National Oceanic and Atmospheric  
Administration  
7600 Sand Point Way NE.  
Seattle, WA 98115-0070  
(206) 526-6725

**National Weather Service**

The National Weather Service will make arrangements for guided tours and in-school presentations.

George R. Miller, National Weather Service  
National Oceanic and Atmospheric  
Administration  
5420 Northeast Marine Drive  
Portland, OR 97218-1089  
(503) 326-2340

**South Slough National Estuarine Research Reserve**

Onsite and in-school education programs are offered by the South Slough National Estuarine Research Reserve. Reservations are required. Educational curriculum development is also offered.

Education Coordinator  
South Slough National Estuarine Research Reserve  
P.O. Box 5417  
Charleston, OR 97420  
(503) 888-5558/Fax: (503) 888-5559

**DEPARTMENT OF EDUCATION (ED)****Northwest Regional Educational Laboratory (NWREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

**Northwest Consortium for Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rob Larson, Director  
Northwest Consortium for Mathematics  
and Science Teaching  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9594/Fax: (503) 275-9489

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Dr. Richard M. Latour  
Eisenhower Mathematics and Science Program  
Oregon Department of Education  
700 Pringle Parkway SE.  
Salem, OR 97310  
(503) 378-3602/Fax: (503) 378-8434

**SAHE**

Dr. Holly Zanville  
Eisenhower Mathematics and Science Program  
Oregon State Superintendent of Higher Education  
P.O. Box 3175  
Eugene, OR 97403  
(503) 346-5726/Fax: (503) 346-5764

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Ralph Nelsen  
Columbia Education Center  
11325 SE. Lexington  
Portland, OR 97266  
(503) 760-2346/Fax: (503) 760-5592

**DEPARTMENT OF ENERGY (DOE)****Bonneville Power Administration**

Bonneville Power Administration manages cooperative partnership programs, student research apprenticeships, student internships, and teacher workshops and sponsors contests and other activities.

Rita Owen, Education Program Officer  
Bonneville Power Administration  
P.O. Box 3621 SPB  
Portland, OR 97208-3621  
(503) 231-6860/Fax: (503) 231-6288

Julie Adams, Education Program Officer  
Bonneville Power Administration  
P.O. Box 3621 SPB  
Portland, OR 97208-3621  
(503) 230-4138/Fax: (503) 230-4550

## DEPARTMENT OF THE INTERIOR (DOI)

**Bureau of Land Management State Office**  
The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
P.O. Box 2965, 1300 NE. 44th Avenue  
Portland, OR 97208-2965  
(503) 280-7287

### Crater Lake National Park

Crater Lake National Park guided nature walks focus on geology and environmental education.

Division of Interpretation  
Crater Lake National Park  
Box 7  
Crater Lake, OR 97604  
(503) 594-2211

### John Day Fossil Beds National Monument

Guided walks and lectures focus on the paleontology and geology of the John Day Fossil Beds National Monument. A demonstration laboratory is available.

Division of Interpretation  
John Day Fossil Beds National Monument  
420 West Main  
John Day, OR 97845  
(503) 987-2333

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Shann Weston, Project WILD Coordinator  
Oregon Department of Fish and Wildlife  
P.O. Box 59  
Portland, OR 97207  
(503) 229-5400, ext. 427

## DEPARTMENT OF LABOR (DOL)

### Job Training Partnership Act Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

William Easley, Manager  
Business Resources Division  
Oregon Economic Development Department  
775 Summer Street NE.  
Salem, OR 97310  
(503) 373-1995/Fax: (503) 581-5115

## DEPARTMENT OF TRANSPORTATION (DOT)

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelly Larson, ANM-5E  
1601 Lind Avenue SW.  
Renton, WA 98055  
(206) 227-2804/Fax: (206) 227-1005

## ENVIRONMENTAL PROTECTION AGENCY (EPA)

### EPA Regional Office

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1200 Sixth Avenue, Mail Stop SO-141  
Seattle, WA 98101  
(206) 553-1207/Fax: (206) 553-1809

**Environmental Research Laboratory**

The Environmental Research Laboratory manages a curriculum development program in addition to a student-scientist mentor program and an outreach lecture series. Other programs include science fairs and Laboratory tours.

U.S. Environmental Protection Agency  
Environmental Research Laboratory  
200 SW. 35th Street  
Corvallis, OR 97333  
(503) 754-4684

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

**Oregon Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Oregon Space Grant Consortium  
Department of Nuclear Engineering  
Radiation Center C116  
Oregon State University  
Corvallis, OR 97331-5902  
(503) 737-2414

## **PENNSYLVANIA**

**DEPARTMENT OF AGRICULTURE (USDA)****Ag in the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Beth Moore  
5399 Guitner Road  
Chambersburg, PA 17201  
(717) 375-2639

Pat Sueck  
RD 1, Box 43  
Arrville, PA 17302  
(717) 862-3486

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Katherine Fennelly, State 4-H Leader  
and Department Head  
4-H and Youth Development  
The Pennsylvania State University  
323 Agriculture Administration  
University Park, PA 16802-2601

**DEPARTMENT OF DEFENSE (DOD)****Naval Ship Systems Engineering Station**

High school students are eligible for the Science and Engineering Apprenticeship Program at the Naval Ship Systems Engineering Station.

Science and Engineering Apprenticeship  
Program  
Naval Ship Systems Engineering Station  
Carderock Division  
Naval Surface Warfare Center  
Naval Base, Code OOE.2  
Philadelphia, PA 19112-5083  
(215) 897-7642

## DEPARTMENT OF EDUCATION (ED)

### Research for Better Schools, Inc. (RBS)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John E. Hopkins, Executive Director  
Research for Better Schools, Inc.  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium for  
Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### SEA

Dr. Jacqueline B. Jackson  
Eisenhower Mathematics and Science Program  
Division of Federal Programs  
Pennsylvania Department of Education  
333 Market Street, Seventh Floor  
Harrisburg, PA 17126-0333  
(717) 787-7117/Fax: (717) 783-6900

### SAHE

Linda J. Benedetto  
Eisenhower Mathematics and Science Program  
Pennsylvania Department of Education  
Postsecondary Services  
333 Market Street, Ninth Floor  
Harrisburg, PA 17126-0333  
(717) 772-3623/Fax: (717) 783-5420

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Richard Brickley, Project Director  
Facilitator Project, R.I.S.E.  
200 Anderson Road  
King of Prussia, PA 19406  
(215) 265-6056/Fax: (215) 265-6562

## DEPARTMENT OF ENERGY (DOE)

### Pittsburgh Energy Technology Center

Pittsburgh Energy Technology Center programs include a consortium for high school students and technology seminars for teachers.

Fred Brown  
Office of Research and Development  
Pittsburgh Energy Technology Center  
P.O. Box 10940  
Pittsburgh, PA 15236  
(412) 892-5942/Fax: (412) 892-6204

## DEPARTMENT OF THE INTERIOR (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### John Heinz National Wildlife Refuge

In addition to an environmental education materials library, the John Heinz National Wildlife Refuge offers several teacher workshops that promote teacher use of the Refuge. Demonstrational

activities and consultation explain how to use the Refuge.

Outdoor Recreation Planner  
John Heinz National Wildlife Refuge  
Suite 104, Scott Plaza Two  
Philadelphia, PA 19113  
(215) 521-0662

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Theresa Alberici, Project WILD Coordinator  
Division of Information and Education  
Pennsylvania Game Commission  
2001 Elmerton Avenue  
Harrisburg, PA 17110-9797  
(717) 787-6286

**Upper Delaware Scenic and Recreational River**  
Programs at the Upper Delaware Scenic and Recreational River include guided walks that focus primarily on the River's ecology. In-school presentations may be requested.

Division of Interpretation  
Upper Delaware Scenic and Recreational River  
P.O. Box C  
Narrowsburgh, NY 12764  
(717) 685-4871

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Robert N. Grant  
Executive Deputy Secretary  
Department of Labor and Industry  
Seventh and Forster Streets, Room 1700  
Harrisburg, PA 17120  
(717) 787-3157/Fax: (717) 783-5225

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation

education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Jim Szakary, AEA-17  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-1056/Fax: (718) 553-0058

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey, Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.



NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

**NASA Regional Teacher Resource Center**  
To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Mid-Atlantic Technology Application Center  
NASA Regional Teacher Resource Center  
University of Pittsburgh, 823 William Pitt Union  
Pittsburgh, PA 15260  
(412) 648-7008

**Pennsylvania Space Grant Consortium**  
The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Pennsylvania Space Grant Consortium  
The Pennsylvania State University  
101 South Frear  
University Park, PA 16802  
(814) 863-7688

## PUERTO RICO

### DEPARTMENT OF AGRICULTURE (USDA)

**Ag in the Classroom State Leader**  
Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Dave Heilig  
USDA/SCS  
Caribbean Area State Office  
G.P.O. Box 4868  
San Juan, PR 00936  
(809) 498-5206

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Victor Rodriguez Vasquez  
Acting State 4-H Leader  
Agriculture Extension Service  
College Station Building C  
Mayaguez, PR 00708

### DEPARTMENT OF COMMERCE (DOC)

#### Jobos Bay National Estuarine Research Reserve

The Jobos Bay National Estuarine Research Reserve offers interpretive exhibits, in-school presentations, and guided canoe trips. Reservations are required.

Education Coordinator  
Jobos Bay National Estuarine Research Reserve  
P.O. Box 1170  
Guayama, PR 00785  
(809) 721-5495

### DEPARTMENT OF EDUCATION (ED)

#### Regional Laboratory for Educational Improvement of the Northeast and Islands

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

#### Regional Alliance for Systemic Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Julio E. Lopez-Ferrao  
Eisenhower Mathematics and Science Program  
Puerto Rico Department of Education  
Office 809  
Hato Rey, PR 00919  
(809) 758-3090/Fax: (809) 753-7926

**SAHE**

Humberto Malave  
Eisenhower Mathematics and Science Program  
Puerto Rico Council of Higher Education  
P.O. Box 23305, U.P.R. Station  
Rio Piedras, PR 00931  
(809) 763-3350, ext. 30/Fax: (809) 763-8394

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Maria del Pilar, Puerto Rico State Facilitator  
General Council on Education  
P.O. Box 5429  
Hato Rey, PR 00919  
(809) 764-0720/Fax: (809) 704-0820

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Wilfredo Martinez, President  
Technological-Occupational Education Council  
431 Ponce de Leon, 16th Floor  
Hato Rey, PR 00918  
(809) 754-5633/Fax: (809) 763-0195

**DEPARTMENT OF TRANSPORTATION (DOT)**

**Federal Aviation Administration (FAA)**

**Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO-17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763-7500/Fax: (404) 763-7178

**ENVIRONMENTAL PROTECTION AGENCY (EPA)**

**EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
26 Federal Plaza, Mail Stop Room 905  
New York, NY 10278  
(212) 264-2980/Fax: (212) 264-8109

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

**NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering

national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak  
Chief, Education Services Branch  
NASA John F. Kennedy Space Center  
Mail Code PA-ESB  
Kennedy Space Center, FL 32899  
(407) 867-4444

#### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center  
Educators Resources Laboratory  
Mail Code ERL  
Kennedy Space Center, FL 32899  
(407) 867-4090

#### **Puerto Rico Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Puerto Rico Space Grant Consortium  
University of Puerto Rico  
Resource Center for Science and Engineering  
P.O. Box 5000  
Mayaguez, PR 00681-5001  
(809) 831-1022

#### **NATIONAL SCIENCE FOUNDATION (NSF)**

##### **Statewide Systemic Initiatives Program**

Puerto Rico's Statewide Systemic Initiative, a joint venture between the U.S. Department of Education Resource Center for Science and Engineering and the Puerto Rico General Council of Education, will focus on students' cognitive abilities and depth of scientific understanding; revise teacher preparation; promote community involvement; and develop new assessment methods.

Manuel Gomez  
Resource Center for Science and Engineering  
University of Puerto Rico  
P.O. Box 23334, University Station  
San Juan, PR 00931-3334  
(809) 764-8369/Fax: (809) 764-0625

## **RHODE ISLAND**

#### **DEPARTMENT OF AGRICULTURE (USDA)**

##### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Carol Stamp  
1 Stamp Place  
South County Trail  
Exeter, RI 02822  
(401) 942-4742

##### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. J. Whitney Bancroft, State 4-H Coordinator  
University of Rhode Island  
Woodward Hall  
Kingston, RI 02881-0804

#### **DEPARTMENT OF COMMERCE (DOC)**

##### **Narragansett Bay National Estuarine Research Reserve**

Offsite estuarine education programs are conducted by naturalists at the Narragansett Bay National Estuarine Research Reserve throughout the summer. Reservations are required. The Reserve also offers on- and offsite wayside exhibits about estuarine ecology and historical uses of the Reserve.

Education Coordinator  
Narragansett Bay National Estuarine  
Research Reserve  
P.O. Box 151  
Prudence Island, RI 02872  
(401) 683-6780

## **DEPARTMENT OF DEFENSE (DOD)**

### **Naval War College Museum**

The college museum features exhibits on the history of naval warfare and also identifies the milestones in the evolution of war at sea, including technological advances.

Naval War College Museum  
Naval War College  
686 Cushing Road  
Newport, RI 02841-1207  
(401) 841-4052

## **DEPARTMENT OF EDUCATION (ED)**

### **Regional Laboratory for Educational Improvement of the Northeast and Islands**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational  
Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### **Regional Alliance for Systemic Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Richard Latham  
Eisenhower Mathematics and Science Program  
Rhode Island Department of Education  
22 Hayes Street  
Providence, RI 02908  
(401) 277-2617/Fax: (401) 277-6178

#### **SAHE**

Dr. Cynthia V.L. Ward, Associate Commissioner  
Chris Wessells  
Eisenhower Mathematics and Science Program  
Rhode Island Office of Higher Education  
301 Promenade Street  
Providence, RI 02908  
(401) 277-2685/Fax: (401) 277-6111

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Faith Fogle  
Rhode Island State Facilitator Center  
Rhode Island Department of Education  
Roger Williams Building, 22 Hays Street  
Providence, RI 02908  
(401) 277-2638/Fax: (401) 277-2734

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Ninigret National Wildlife Refuge**

Ninigret National Wildlife Refuge offers a wildlife management and environmental education program for students of all ages. Outreach programs, teacher workshops, and field trips are also sponsored.

Outdoor Recreation Planner  
Shoreline Plaza, Route 1A  
P.O. Box 307  
Charlestown, RI 02813  
(401) 364-9124

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Chris Dudley, Project WILD Coordinator  
Rhode Island Division of Fish and Wildlife  
P.O. Box 218  
West Kingston, RI 02892  
(401) 789-0281

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

John Robinson, Director  
Job Training Partnership Office  
Rhode Island Department of Employment  
and Training  
101 Friendship Street  
Providence, RI 02903  
(401) 277-3732/Fax: (401) 277-1473

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation

education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelia Bauer, ANE-45  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7379/Fax: (617) 238-7007

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Warwick Public Schools  
Attention: Anthony Gagliardi  
Warwick Career and Technical School  
575 Centerville Road  
Warwick, RI 02886  
(401) 737-3300

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

### **Environmental Research Laboratory**

Students have the opportunity to interact directly with scientists at the Environmental Research Laboratory through a mentorship program.

U.S. Environmental Protection Agency  
Environmental Research Laboratory  
South Ferry Road  
Narragansett, RI 02882  
(401) 782-3028



## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey, Chief, Educational Programs  
Public Affairs Office (130)  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771  
(301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771  
(301) 286-8570

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Rhode Island College  
NASA Regional Teacher Resource Center  
Curriculum Resources Center  
600 Mount Pleasant Avenue  
Providence, RI 02908  
(401) 456-8567/8065

### **Rhode Island Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Rhode Island Space Grant Consortium  
Department of Geological Sciences  
Box 1846  
Brown University  
Providence, RI 02912-1846  
(401) 863-2417

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

Rhode Island's Statewide Systemic Initiatives Program establishes a support that consists of leadership teams in the Department of Education, a cadre of mathematics and science specialists located in five different sites across the State, and Statewide Systemic Initiatives Program teams in every school. Goals include increasing the interest of women and minorities and enlisting community involvement within education.

Diane Schafer  
Rhode Island Department of Education  
22 Hayes Street, Room 201  
Providence, RI 02908  
(401) 277-2821/Fax: (401) 277-2734

# **SOUTH CAROLINA**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Earl Frick  
201 Clemson, 922 Rutledge Building  
Columbia, SC 29201  
(803) 734-8426

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Glen Krohn, Assistant Director  
4-H Youth Development  
108 Barre Hall  
P.O. Box 340316  
Clemson, SC 29634-0316

## DEPARTMENT OF COMMERCE (DOC)

### ACE Basin National Estuarine Research Reserve

The ACE Basin National Estuarine Research Reserve offers teacher workshops, a coastal cruise on a research vessel, and guided nature walks. Reservations are required.

Education Coordinator  
ACE Basin National Estuarine Research Reserve  
P.O. Box 12559  
Charleston, SC 29412  
(803) 762-5062/Fax: (803) 762-5001

### North Inlet/Winyah Bay National Estuarine Research Reserve

Summer coastal ecology courses for grades K-5 and workshops for teachers are available. Reservations are required.

Education Coordinator  
North Inlet/Winyah Bay National Estuarine Research Reserve  
University of South Carolina Baruch Marine Laboratory  
P.O. Box 1630  
Georgetown, SC 29442  
(803) 546-3623/Fax: (803) 546-1632

## DEPARTMENT OF DEFENSE (DOD)

### Naval Base, Charleston

The Naval Base at Charleston participates in the Personal Excellence Partnership Program. This partnership includes Adopt-A-School, Saturday Scholars, and several other volunteer-based programs.

COMNAVBASE, Charleston  
PEP Program Coordinator  
Commander, Naval Base  
Building #NH-45  
Charleston, SC 29408-5100  
(803) 743-1190

## DEPARTMENT OF EDUCATION (ED)

### SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(919) 334-3211/Fax: (919) 334-3268  
(800) 755-3277

### SERVE Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Francena Cummings, Director  
SERVE Consortium for Mathematics and Science Education  
345 South Magnolia Drive, Suite D-23  
Tallahassee, FL 32301-2950  
(904) 922-2300/Fax: (904) 922-2286  
(800) 854-0476

### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### SEA

Dr. Shirley Sturgeon  
Eisenhower Mathematics and Science Program Curriculum Section  
801 Rutledge Building  
Columbia, SC 29201  
(803) 734-8366/Fax: (803) 734-8624

**SAHE**

Dr. Gail Morrison, Associate Commissioner  
for Academic Affairs

South Carolina Commission on Higher  
Education

1333 Main Street, Suite 200

Columbia, SC 29201

(803) 253-6260/Fax: (803) 253-6267

Dr. Marilyn Scannell, Academic Program  
Coordinator

Eisenhower Mathematics and Science Program  
South Carolina Commission on Higher  
Education

1333 Main Street, Suite 200

Columbia, SC 29201

(803) 253-6260/Fax: (803) 253-6267

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator pro-  
motes the transfer of successful programs by  
identifying suitable NDN programs and assists  
with training and installation.

Catherine Thomas

NDN Facilitator Project

Department of Education

1429 Senate Street, Room 1114

Columbia, SC 29201

(803) 734-8446/Fax: (803) 734-8624

**DEPARTMENT OF ENERGY (DOE)**

**Savannah River Ecology Laboratory**

Savannah River Ecology Laboratory sponsors  
DOE national programs.

J. Whitfield Gibbons

Environmental Outreach and Education

Division, Drawer E

Aiken, SC 29802

(803) 725-5204

**Savannah River Technology Center**

Savannah River Technology Center offers teacher  
training programs and student support programs.

Michael Hodges

Savannah River Technology Center

Outreach Education Office

Westinghouse Savannah River Company

P.O. Box 616, Building 773-42A

Aiken, SC 29808

(803) 725-5328/Fax: (803) 725-4704

**DEPARTMENT OF THE INTERIOR (DOI)**

**Bureau of Land Management Eastern  
States Office**

The Bureau of Land Management Eastern States  
Office provides information about educational  
programs, materials, and local land-management  
issues.

Education Coordinator

Bureau of Land Management

7450 Boston Boulevard

Springfield, VA 22153

(703) 440-1713

**Carolina Sandhills National Wildlife Refuge**

Both in-school presentations and guided field trips  
at the Carolina Sandhills National Wildlife Refuge  
can be arranged upon request.

Carolina Sandhills National Wildlife Refuge

Route 2, Box 330

McBee, SC 29101

(803) 335-8401

**Congaree Swamp National Monument**

Spring and fall environmental programs are  
offered for students at the Congaree Swamp  
National Monument, while summer workshops  
are available for teachers. Guided walks are also  
available.

Division of Interpretation

Congaree Swamp National Monument

200 Caroline Simms Road

Hopkins, SC 20961

(803) 776-4396

**Project WILD**

Project WILD offers teacher training and educa-  
tional materials. Teacher guides, which contain  
more than 80 supplementary, interdisciplinary  
activities for grades K-12, are free to teachers  
who attend the training session.

Don Winslow, Project WILD Coordinator

South Carolina Wildlife and Marine Resources

1000 Assembly, P.O. Box 167

Columbia, SC 29202

(803) 734-3888

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can  
provide information about the Job Training

Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Dr. Robert E. David, Executive Director  
South Carolina Employment Security  
Commission  
P.O. Box 995  
Columbia, SC 29202  
(803) 737-2617/Fax: (803) 737-2642

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO-17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763-7500/Fax: (404) 763-7178

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE.  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Roger Hathaway  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3312

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
Virginia Air and Space Center  
600 Settler's Landing Road  
Hampton, VA 23669  
(804) 727-0800

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Stanback Planetarium  
NASA Regional Teacher Resource Center  
South Carolina State University  
P.O. Box 7636  
Orangeburg, SC 29117-7636  
(803) 536-8709/7174/8119

### **South Carolina Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

South Carolina Space Grant Consortium  
Department of Geology  
66 George Street, 120 Kinard Laboratory  
Charleston, SC 29424  
(803) 953-5463

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

South Carolina's Statewide Systemic Initiatives Program will use regional centers to achieve

system reform. These centers will develop teacher leaders and expand their expertise in instructional strategies, assessment, and community outreach projects. This initiative will be supported by changes in policy, certification standards for both teachers and administrators, school regulations and accountability, and the development of State science and mathematics curriculum frameworks.

Dennis Bartels  
1429 Senate Street  
Rutledge Building, Room 703  
Columbia, SC 29201  
(803) 734-8277/Fax: (803) 734-8624

## **SOUTH DAKOTA**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Laurene Thoreson  
P.O. Box 125, Route 3  
Vienna, SD 57272  
(605) 625-5139

Carol McFarland-McKee, Executive Director  
Ag in the Classroom  
106 West Capitol, Suite 4  
Pierre, SD 57501  
(605) 945-2306

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Bob Davis, 4-H Interim Program Leader  
South Dakota State University  
4-H Department  
Scobey Hall, Box 504  
Brookings, SD 57007

### **DEPARTMENT OF DEFENSE (DOD)**

#### **South Dakota Air and Space Museum**

The evolution of aviation and the progression of technology involved in aviation are the primary aspects of the South Dakota Air and Space Museum. Tours are available upon request.

South Dakota Air and Space Museum  
28 BW/CVM  
Ellsworth Air Force Base, SD 57706-5000  
(605) 385-5188

### **DEPARTMENT OF EDUCATION (ED)**

#### **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

C.L. Hutchins, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### **Eisenhower High Plains Consortium for Mathematics and Science**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.



**SEA**

Jim Hauck, Eisenhower Mathematics and  
Science Program  
South Dakota Division of Education  
700 Governors Drive  
Pierre, SD 57501-2291  
(605) 773-4712/Fax: (605) 773-6139

**SAHE**

Michael Hillman, Board of Regents  
207 East Capitol  
Pierre, SD 57501  
(605) 773-3455

Dr. Erika Tallman, Higher Education  
Administrator  
Eisenhower Mathematics and Science  
Program  
Northern State University, Box 777  
Aberdeen, SD 57401  
(605) 622-2524/Fax: (605) 622-2666

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Wendy Bonaiuto, State Facilitator  
South Dakota Curriculum Center  
435 South Chapelle  
Pierre, SD 57501  
(605) 224-6287/Fax: (605) 224-8320

**DEPARTMENT OF ENERGY (DOE)****Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

**DEPARTMENT OF THE INTERIOR (DOI)****Badlands National Park**

The Badlands National Park offers guided nature walks and a teachers' guide that emphasizes the geology, history, ecology, and zoology of the Badlands.

Division of Interpretation  
Badlands National Park  
P.O. Box 6  
Interior, SD 57750  
(605) 433-5361

**Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
222 North 32nd Street  
P.O. Box 36800  
Billings, MT 59107  
(406) 255-2913

**Jewel Cave National Monument**

Programs include guided nature walks and lectures that emphasize the geology of the Jewel Cave National Monument.

Division of Interpretation  
Jewel Cave National Monument  
Box 60AA, RR1  
Custer, SD 57730  
(605) 673-2288

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Steve Kirsch, Project WILD Coordinator  
South Dakota Department of Game, Fish,  
and Parks  
523 East Capitol  
Pierre, SD 57501  
(605) 773-5511

**Sioux Falls Earth Science Information Center**

The Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Sioux Falls Earth Science Information Center  
EROS Data Center  
Sioux Falls, SD 57138-1177  
(605) 594-6151

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Peter de Hueck, Secretary  
South Dakota Department of Labor  
Kneip Building, 700 Governors Drive  
Pierre, SD 57501-2277  
(605) 773-3101/Fax: (605) 773-4211

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Lee Carlson, AGL-5A  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7184

### **Federal Aviation Administration (FAA) Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Sisseton Wahpeton Community College  
Chip Harris, Director  
Office of Planning and Development  
Old Agency Box 689  
Sisseton, SD 57262-0689  
(605) 698-3966

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental

issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop 80EA  
Denver, CO 80202-2405  
(303) 293-1113/Fax: (303) 294-7665

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office (AP-4)  
NASA Johnson Space Center  
Houston, TX 77058  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center, Mail Code AP-4  
Houston, TX 77058  
(713) 483-8696

### **South Dakota Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

South Dakota Space Grant Consortium  
Institute of Atmospheric Sciences  
South Dakota School of Mines and Technology  
501 East St. Joseph Street  
Rapid City, SD 57701-3995  
(605) 394-1975

**NATIONAL SCIENCE FOUNDATION (NSF)****Statewide Systemic Initiatives Program**

South Dakota's Statewide Systemic Initiatives Program establishes standards and outcomes and provides incentives for districts to analyze curricula and meet new State standards. The development of new methods of assessment, the improvement of teacher preparation, and the involvement of parents, communities, mathematicians, scientists, and businesses are all key aspects.

Katherine Pederson, Project Director  
435 South Chapelle  
Pierre, SD 57501  
(605) 773-6400/Fax: (605) 224-8320

John Bonaiuto, Secretary of Education  
South Dakota Department of Education and Cultural Affairs  
Capitol Building  
Pierre, SD 57501  
(605) 773-3134/Fax: (605) 773-6139

Howard Todd, Executive Director  
South Dakota Board of Regents  
435 East Capitol Avenue  
Pierre, SD 57501-3159  
(605) 773-3455/Fax: (605) 773-5320

**TENNESSEE****DEPARTMENT OF AGRICULTURE (USDA)****Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Bobby Beets  
Tennessee Farm Bureau  
P.O. Box 313  
Columbia, TN 38402-0313  
(615) 388-7872/Fax: (615) 388-5818

**4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Ben T. Powell, Professor and 4-H Club Leader  
University of Tennessee  
4-H Club Department  
P.O. Box 1071  
Knoxville, TN 37901-1071

**DEPARTMENT OF DEFENSE (DOD)****Naval Air Station, Willington**

The Willington Naval Air Station is involved with the Personal Excellence Partnership Program and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the Willington area.

CNTECHTRA Willington  
Personal Excellence Partnership Program  
Coordinator  
Naval Air Station  
Willington, TN 38054-5056  
(901) 873-5492

**DEPARTMENT OF EDUCATION (ED)****Appalachia Educational Laboratory, Inc. (AEL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director  
Appalachia Educational Laboratory, Inc.  
P.O. Box 1348, 1031 Quarrier Street  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0487  
(800) 624-9120 (outside West Virginia)  
(800) 344-6646 (in West Virginia)

**Eisenhower Math/Science Consortium at AEL**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director  
Eisenhower Math/Science Consortium at AEL  
P.O. Box 1348, 1031 Quarrier Street  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0487

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for

Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

Barbara Adkisson  
Director, Developmental Programs  
Eisenhower Mathematics and Science Program  
Cordell Hull Building, Fourth Floor North Wing  
Nashville, TN 37243-0388  
(615) 741-7856/Fax: (615) 741-6236

**SAHE**

Dr. Mattielyn B. Williams, Director  
Legal and Educational Services  
Eisenhower Mathematics and Science Program  
Tennessee Higher Education Commission  
404 James Robertson Parkway, Suite 1900  
Nashville, TN 37243-0830  
(615) 741-7565/Fax: (615) 741-6230

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Peggy F. Harris, Tennessee State Facilitator  
Tennessee Association for School Supervision  
and Administration  
330-10th Avenue, North  
Nashville, TN 37203-3436  
(615) 251-1173/Fax: (615) 259-8492

**DEPARTMENT OF ENERGY (DOE)**

**Oak Ridge Institute For Science Education**

In addition to a partnership program, the Oak Ridge Institute For Science Education provides student internship opportunities, teacher workshops, and summer programs for students.

Al Wohlpart, Science Engineering Education  
Division  
Oak Ridge Institute For Science Education  
P.O. Box 117, 200 Badger Avenue  
Oak Ridge, TN 37831-0117  
(615) 576-3350/Fax: (615) 576-0202

**Oak Ridge National Laboratory**

Oak Ridge National Laboratory manages teacher workshops and student summer programs that focus on computer science. Outreach programs may be arranged.

Chester Richmond  
Office of Science Education and External  
Relations

Oak Ridge National Laboratory  
105 Mitchell Road, Mail Stop 6496  
Oak Ridge, TN 37831-6496  
(615) 576-3886/Fax: (615) 576-9496

**DEPARTMENT OF THE INTERIOR (DOI)**

**Big South Fork National River**

Programs at the Big South Fork National River include guided nature walks, environmental camps for high school students, and teacher workshops.

Division of Interpretation  
Big South Fork National River  
Route 3, Box 401  
Oneida, TN 37841  
(615) 569-9778

**Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Great Smoky Mountains National Park**

Guided walks, lectures, and other activities offered by the Great Smoky Mountains National Park promote environmental education.

Division of Interpretation  
Great Smoky Mountains National Park  
Gatlinburg, TN 37738  
(615) 436-1200

**Obed Wild and Scenic River**

At Obed Wild and Scenic River programs include guided nature tours and other environmental education activities.

Division of Interpretation  
Obed Wild and Scenic River  
Wartburg, TN 37887  
(615) 346-6294

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K–12, are free to teachers who attend the training session.

Deborah Patton, Project WILD Coordinator  
Tennessee Wildlife Resources  
P.O. Box 40747  
Nashville, TN 37204  
(615) 781–6500

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

James R. White, Commissioner  
Tennessee Department of Labor  
501 Union Building  
Nashville, TN 37219  
(615) 741–2582/Fax: (615) 741–5078

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO–17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763–7500/Fax: (404) 763–7178

**Federal Aviation Administration (FAA)****Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Middle Tennessee State University  
Dr. Wallace R. Maples, Chairman  
Aerospace Department  
East Main Street, P.O. Box 67 MTSU  
Murfreesboro, TN 37132  
(615) 898–2788

**ENVIRONMENTAL PROTECTION AGENCY (EPA)****EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE.  
Atlanta, GA 30365  
(404) 347–3004/Fax: (404) 347–3721

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)****NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Chief, Education Branch  
Public Affairs Office (CA21)  
NASA Marshall Space Flight Center  
Marshall Space Flight Center, AL 35812  
(205) 544–0213

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
U.S. Space and Rocket Center  
Huntsville, AL 35807  
(205) 544–5812

**NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.



Tri-State Learning Center  
NASA Teacher Resource Center  
P.O. Box 508  
Iuka, MS 38852-0508  
(601) 423-7453

University of Tennessee at Martin  
NASA Regional Teacher Resource Center  
Center for Excellence in Mathematics  
and Science  
Martin, TN 38238-5029  
(901) 587-7191/7166

### **Tennessee Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Tennessee Space Grant Consortium  
Vanderbilt University  
Department of Mechanical Engineering  
Box 1592, Station B  
Nashville, TN 37235  
(615) 343-1148

## **TEXAS**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Tad Duncan  
Texas Farm Bureau  
P.O. Box 2689  
Waco, TX 76702-2689  
(817) 772-2689/Fax: (817) 772-3628

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The

State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Dr. Lynne W. Thibodeaux, Assistant Director  
for 4-H and Youth Development  
Texas A&M University  
809 University Drive, East, Building D&E  
College Station, TX 77843-2473

### **DEPARTMENT OF COMMERCE (DOC)**

#### **Flower Garden Banks National Marine Sanctuary**

The Flower Garden Banks National Marine Sanctuary offers educational materials and in-school presentations.

Education Coordinator  
Flower Garden Banks National Marine Sanctuary  
1716 Briarcrest Drive, Suite 702  
Bryant, TX 77802  
(409) 847-9296/Fax: (409) 845-7525

### **DEPARTMENT OF DEFENSE (DOD)**

#### **Brooks Air Force Base**

Brooks Air Force Base offers in-class speakers and presentations upon request and also manages a high school student research program. A student summer hire program is also available.

HSC/PA  
2510 Kennedy Circle, Suite 1  
Brooks Air Force Base, TX 78235-5120  
(210) 536-3234

#### **Naval Air Station, Corpus Christi**

The Naval Air Station at Corpus Christi is involved with the Personal Excellence Partnership Program and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the Corpus Christi area.

CNATRA, Corpus Christi  
Personal Excellence Partnership Program  
Coordinator  
Corpus Christi Naval Air Station  
Corpus Christi, TX 78419-5100  
(512) 939-3502

**DEPARTMENT OF EDUCATION (ED)****Southwest Educational Development Laboratory (SEDL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development  
Laboratory

211 East Seventh Street  
Austin, TX 78701

(512) 476-6861/Fax: (512) 476-2286

**Southwest Consortium for the Improvement of Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement  
of Mathematics and Science Teaching

211 East Seventh Street  
Austin, TX 78701

(512) 476-6861/Fax: (512) 476-2286

**Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**

B.J. Gibson  
Eisenhower Mathematics and Science Program  
Texas Education Agency

1701 North Congress  
Austin, TX 78701

(512) 463-9269/Fax: (512) 463-9838

**SAHE**

Nan Broussard  
Eisenhower Mathematics and Science Program  
Texas Higher Education Coordinating Board

7745 Chevy Chase, Building #5  
P.O. Box 12788, Capitol Station

Austin, TX 78711

(512) 483-6319/6224/Fax: (512) 483-6522

**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Judy Bramlett

Texas Facilitator Project-NDN

Education Service Center, Region 6

3332 Montgomery Road

Huntsville, TX 77340-6499

(409) 295-9161/Fax: (409) 295-1447

**DEPARTMENT OF ENERGY (DOE)****Pantex Plant**

In addition to offering field trips, science fairs, and academic contests, the Pantex Plant also sponsors a teacher enhancement program.

Vanessa Tatum, Community Relations  
Assistant

Administration and Services

Pantex Plant, P.O. Box 30020

Amarillo, TX 79117

(806) 477-3772/Fax: (806) 477-5615

**Superconducting Super Collider**

Superconducting Super Collider sponsors academic contests, student internship programs, field trips to the facility, and physics-based programs for minority students.

Thomas Gadsden, Education Office

Superconducting Super Collider

2550 Beckleymeade Avenue, Building 4, Mail

Stop 2071

Dallas, TX 75237

(214) 708-1163/Fax: (214) 708-0000

**DEPARTMENT OF THE INTERIOR (DOI)****Big Thicket National Preserve**

Big Thicket National Preserve offers interdisciplinary, curriculum-based environmental education programs for all age groups. Accredited teacher workshops are offered.

Leslie E. DuBey, Education Specialist

Big Thicket National Preserve

3785 Milam

Beaumont, TX 77701

(409) 246-2337

**Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera  
Bureau of Land Management  
P.O. Box 27115  
Santa Fe, NM 87502-0115  
(505) 438-7841

**Padre Island National Seashore**

Environmental programs, guided nature walks, and in-school presentations are offered by Padre Island National Seashore.

Division of Interpretation  
Padre Island National Seashore  
9405 South Padre Island Drive  
Corpus Christi, TX 78418  
(512) 949-8173

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Ilo Hiller, Project WILD Coordinator  
Texas Parks and Wildlife Department  
4200 Smith School Road  
Austin, TX 78746  
(512) 328-6035

**Santa Ana National Wildlife Refuge Complex**

The Santa Ana National Wildlife Refuge Complex provides teacher packets with lesson plans targeted for grades K-6, interpretive presentations, environmental education programs, and a visitor center that offers interpretive exhibits and displays.

Public Use Manager  
Santa Ana National Wildlife Refuge Complex  
320 North Main Street, Room A-103  
McAllen, TX 78501  
(210) 630-4636

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Barbara Cigainero, Director  
Work Force Development Division  
Texas Department of Commerce  
P.O. Box 12728-Capitol Station  
Austin, TX 78711-2728  
(512) 320-9801/Fax: (512) 320-9875

**DEPARTMENT OF TRANSPORTATION (DOT)**

**Federal Aviation Administration (FAA)  
Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned in the States assigned to the region.

FAA Aviation Education Representative  
Debra Myers, ASW-5  
4400 Blue Mound Road  
Fort Worth, TX 76193-0005  
(817) 624-5804/Fax: (817) 740-3260

**Federal Aviation Administration (FAA)  
Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Texas Southern University  
Isaac Nettey, Director  
Airway Science Program  
3100 Cleburne Avenue  
Houston, TX 77004  
(713) 639-1847

Aviation Education Resource Center  
University of Texas at El Paso  
Dr. Jim Milson, Chairman  
Education Building, Room 403  
El Paso, TX 79968-0574  
(915) 747-5426

Aviation Education Resource Center  
Texas State Technical College  
Campus Librarian  
Aerospace Technologies  
3801 Campus Drive  
Waco, TX 78708  
(817) 799-3611

Aviation Education Resource Center  
Palo Alto College  
Attention: Bruce Hoover  
Aviation Department  
1400 West Villarette  
San Antonio, TX 78224  
(512) 921-5162

Aviation Education Resource Center  
Frontiers of Flight Museum  
Olin Lancaster, Director  
Love Field Terminal, BL-38  
Dallas, TX 75235  
(214) 350-3600

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office (AP-4)  
NASA Johnson Space Center  
Houston, TX 77058  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-4  
Houston, TX 77058  
(713) 483-8696

### **Texas Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Texas Space Grant Consortium  
2901 North IH 35, Suite 200  
Austin, TX 78722-2348  
(512) 471-3583/(800) 248-8742

## **NATIONAL SCIENCE FOUNDATION (NSF)**

### **Statewide Systemic Initiatives Program**

The Texas Statewide Systemic Initiatives Program will focus on changes in teacher development. Strategies include Renaissance Centers to house teams of master teachers, scientists, mathematicians, and higher education faculty to reform preservice and inservice programs; the involvement of business, industry, and universities to work with educational service centers and school districts; and the establishment of an infrastructure for distance learning.

Lu Stephens  
Texas Education Agency  
1701 North Congress  
Austin, TX 78701  
(512) 463-8629/Fax: (512) 463-6299

Lionel Meno, Commissioner  
Texas Education Agency  
1701 North Congress  
Austin, TX 78701  
(512) 463-8985/Fax: (512) 471-0846

Linda Cimusz  
Texas Education Agency  
1701 North Congress  
Austin, TX 78701  
(512) 463-9437/Fax: (512) 471-0846

## UTAH

### DEPARTMENT OF AGRICULTURE (USDA)

#### Ag In the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

El Shaffer  
Utah Department of Agriculture  
350 North Redwood Road  
Salt Lake City, UT 84116  
(801) 538-7104/Fax: (801) 538-7126

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Scott S. McKendrick, State 4-H Program Leader  
Utah State University  
Logan, UT 84322-4900

### DEPARTMENT OF DEFENSE (DOD)

#### Hill Aerospace Museum

The Hill Aerospace Museum exhibits the history and technology involved in both aeronautics and aerospace. Tours and previsit curriculum materials are available upon request.

Hill Aerospace Museum  
649 Support Group/XBM  
Hill Air Force Base, UT 85058-5990  
(801) 777-6868

### DEPARTMENT OF EDUCATION (ED)

#### Far West Laboratory (FWL) for Educational Research and Development

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director  
Far West Laboratory for Educational Research and Development  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 565-3012

#### Far West Eisenhower Regional Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director  
Far West Eisenhower Regional Consortium for Mathematics and Science Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 241-2746

#### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### SEA

Dr. William M. Earl  
Eisenhower Mathematics and Science Program  
Utah Department of Education  
250 East 500 South  
Salt Lake City, UT 84111  
(801) 538-7794/Fax: (801) 538-7791

#### SAHE

Dr. Mark H. Spencer, Assistant Commissioner  
Eisenhower Mathematics and Science Education  
Utah State Board of Regents  
Three Triad Center, Suite 550  
Salt Lake City, UT 84180-1205  
(801) 538-5247/Fax: (801) 363-7353



**National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Kathy Mannos  
State Facilitator Project  
Utah State Office of Education  
250 East 500 South  
Salt Lake City, UT 84111  
(801) 538-7823/Fax: (801) 538-7882

**DEPARTMENT OF ENERGY (DOE)****Associated Western Universities**

Associated Western Universities offers the Environmental Management Precollege Analytical Chemistry Program, which allows students to receive college credit.

Thomas Squires, Executive Director  
Associated Western Universities  
4190 South Highland Drive, Suite 211  
Salt Lake City, UT 84124  
(801) 273-8916/Fax: (801) 277-5632

**Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

**DEPARTMENT OF THE INTERIOR (DOI)****Bureau of Land Management State Office**

The Bureau of Land Management State Office participates in several educational programs for students and also provides information about educational materials and local land-management issues.

Jeanne Moe, Archaeologist  
Bureau of Land Management  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
(801) 539-4060/(800) 722-3988

**Dinosaur National Monument**

The Dinosaur National Monument's onsite student programs and in-school presentations target primarily students in grades 3-6 to provide information on resource issues related to school curricula.

Division of Interpretation  
Dinosaur National Monument  
P.O. Box 128  
Jensen, UT 84035  
(801) 789-2115

**Flaming Gorge Dam Visitor Center**

Located on the Green River, the Flaming Gorge Dam Visitor Center offers guided and self-guided tours. Brochures in Braille and headphones are provided for individuals who are visually impaired.

Public Affairs Office, Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

**Jordanelle Reservoir Visitor Center**

The Jordanelle Reservoir Visitor Center offers interpretive programs and nature trails.

Public Affairs Office, Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

**Project WET**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, ground-water flow models, and a series of children's story and action books.

Virginia Jensen  
Department of Natural Resources  
Division of Water Resources  
1636 West North Temple, Suite 310  
Salt Lake City, UT 84116-3156  
(801) 538-7299

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K–12, are free to teachers who attend the training session.

Bob Ellis, Project WILD Coordinator  
Utah Division of Wildlife Resources  
1596 West North Temple  
Salt Lake City, UT 84116  
(801) 538–4720

### **Salt Lake City Earth Science Information Center**

The Salt Lake City Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Salt Lake City Earth Science Information Center  
125 South State Street  
8105 Federal Building  
Salt Lake City, UT 84138–1177  
(801) 524–5652

### **Strawberry Reservoir Visitor Center**

Guided and self-guided nature trails are available at the Strawberry Reservoir Visitor Center.

Public Affairs Office, Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC–140)  
Salt Lake City, UT 84147–0568  
(801) 524–6477

### **Zion National Park**

Zion National Park programs include guided nature walks within the Park that focus primarily on environmental education. A Junior Ranger Program is also available.

Division of Interpretation  
Zion National Park  
Springdale, UT 84767  
(801) 772–3256

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Gregory B. Gardner, Director  
Office of Job Training for Economic  
Development  
324 South State Street, Suite 500  
Salt Lake City, UT 84114–7162  
(801) 538–8750/Fax: (801) 359–3928

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelly Larson, ANM–5E  
1601 Lind Avenue SW.  
Renton, WA 98055  
(206) 227–2804/Fax: (206) 227–1005

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Utah Valley Community College  
Dr. P.R. "Ron" Smart, Director  
Aviation Science Department  
800 West 1200 South  
Orem, Utah 84058  
(801) 222–8000

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop 80EA  
Denver, CO 80202–2405  
(303) 293–1113/Fax: (303) 294–7665

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

### **NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Utah State University  
College of Education  
NASA Regional Teacher Resource Center  
Logan, UT 84321-2800  
(801) 750-3377

Weber State University  
NASA Regional Teacher Resource Center  
Curriculum Library, College of Education  
Ogden, UT 84408-1302  
(801) 626-6279/6273

### **Utah Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and

other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Rocky Mountain Space Grant Consortium  
Utah State University  
Science-Engineering Research Building,  
Room 324A  
Logan, UT 84322-4436  
(801) 750-2868

## **VERMONT**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Gerald Fuller  
University of Vermont  
Agriculture Engineering Building  
Burlington, VT 05405-0004  
(802) 656-0039/Fax: (802) 656-8642

Megan Camp  
Shelburne Farms  
Shelburne, VT 05482  
(802) 985-8686/Fax: (802) 985-8498

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Judy Campbell, Interim Assistant Director  
4-H Youth Development  
University of Vermont  
Morrill Hall, Extension Service  
Burlington, VT 05405

## DEPARTMENT OF EDUCATION (ED)

### **Regional Laboratory for Educational Improvement of the Northeast and Islands**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### **Regional Alliance for Systemic Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Alan Kousen  
Eisenhower Mathematics and Science Program  
Vermont Department of Education  
120 State Street  
Montpelier, VT 05602  
(802) 828-3111/Fax: (802) 828-3140

#### **SAHE**

Robert Kenney  
Eisenhower Mathematics and Science Program  
Vermont Department of Education  
120 State Street  
Montpelier, VT 05602  
(802) 828-3111/Fax: (802) 828-3140

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Howard Verman  
Trinity College, McAuley Hall  
208 Colchester Avenue  
Burlington, VT 05401  
(802) 658-7429/Fax: (802) 658-7435

## DEPARTMENT OF THE INTERIOR (DOI)

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Mark Scott, Project WILD Coordinator  
Department of Fish and Wildlife  
103 South Main Street  
Waterbury, VT 05676  
(802) 241-3700

## DEPARTMENT OF LABOR (DOL)

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Robert Ware  
 Department of Employment and Training  
 P.O. Box 488, 5 Green Mountain Drive  
 Montpelier, VT 05601-0488  
 (802) 828-4300/Fax: (802) 828-4022

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
 Shelia Bauer, ANE-45  
 12 New England Executive Park  
 Burlington, MA 01803  
 (617) 238-7379/Fax: (617) 238-7007

### **Federal Aviation Administration (FAA) Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
 St. Johnsbury Academy  
 John Barney, Vocational Director  
 St. Johnsbury, VT 05816  
 (802) 748-8171

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 JFK Federal Building, Mail Stop RPM  
 Boston, MA 02203  
 (617) 565-9447/Fax: (617) 565-3415

## **NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has a Center Educational Programs Officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Elva Bailey, Chief, Educational Programs  
 Public Affairs Office (130)  
 NASA Goddard Space Flight Center  
 Greenbelt, MD 20771  
 (301) 286-7207

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
 Teacher Resource Laboratory  
 Mail Code 130.3  
 Greenbelt, MD 20771  
 (301) 286-8570

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Norwich University  
 Vermont College Educational Resource Center  
 NASA Regional Teacher Resource Center  
 Schulmaier Hall  
 Montpelier, VT 05602  
 (802) 828-8845

### **Vermont Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.



## VERMONT

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Vermont Space Grant Consortium  
University of Vermont  
Department of Mathematics and Statistics  
College of Engineering and Mathematics  
16 Colchester Avenue  
Burlington, VT 05401-1455  
(802) 656-1429

### NATIONAL SCIENCE FOUNDATION (NSF)

#### Statewide Systemic Initiatives Program

A major component of Vermont's Statewide Systemic Initiatives Program is the Institute for Mathematics, Science, and Technology, which was established by the State Board of Education and the Agency for Development and Community Affairs. Other components include a statewide curriculum framework; intensive development of the teaching staff; new performance assessments; and a statewide telecomputing network linking schools, business, and higher education.

Bruce Richardson  
Vermont Department of Education  
120 State Street  
Montpelier, VT 05620  
(802) 828-3121/Fax: (802) 828-3140

Henry Geller  
Vermont Department of Education  
120 State Street  
Montpelier, VT 05620  
(802) 828-4108/Fax: (802) 828-3026

## VIRGINIA

### DEPARTMENT OF AGRICULTURE (USDA)

#### Ag In the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Michele Awad  
Virginia Farm Bureau Federation  
P.O. Box 27552  
Richmond, VA 23261  
(804) 225-7544

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Dr. J. David Barrett  
Assistant Director, 4-H Youth  
VPI and State University  
105-B Hutcheson Hall  
Blacksburg, VA 24061

### DEPARTMENT OF COMMERCE (DOC)

#### Chesapeake Bay National Estuarine Research Reserve

Estuarine ecology programs are offered for all grade levels at the Chesapeake Bay National Estuarine Research Reserve. Reservations are required.

Education Coordinator  
Chesapeake Bay National Estuarine  
Research Reserve  
Virginia Institute of Marine Science  
P.O. Box 1346  
Gloucester Point, VA 23062  
(804) 642-7135/Fax: (804) 642-7120

#### Monitor National Marine Sanctuary

The Monitor National Marine Sanctuary was the first site designated as a national marine sanctuary in 1975. Located 16 miles off Cape Hatteras, North Carolina, this Civil War ironclad warship lies in 220 feet of water.

Education Coordinator  
Monitor National Marine Sanctuary  
P.O. Box 147  
Rescue, VA 23424  
(804) 599-3122

### DEPARTMENT OF DEFENSE (DOD)

#### Norfolk Naval Shipyard

The Norfolk Naval Shipyard is involved with the Personal Excellence Partnership Program and operates various co-op apprenticeship and volunteer-assistance programs for high school and college students. These educational opportunities are available for students in the Hampton Roads area.

Employee Development Office  
Department of the Navy  
Norfolk Naval Shipyard  
Portsmouth, VA 23709-5000  
(804) 396-5822

## DEPARTMENT OF EDUCATION (ED)

**Appalachia Educational Laboratory, Inc. (AEL)**  
The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director  
Appalachia Educational Laboratory, Inc.  
P.O. Box 1348, 1031 Quarrier Street  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0487  
(800) 624-9120 (outside West Virginia)  
(800) 344-6646 (in West Virginia)

**Eisenhower Math/Science Consortium at AEL**  
The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director  
Eisenhower Math/Science Consortium at AEL  
P.O. Box 1348, 1031 Quarrier Street  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0487

**Eisenhower State Education Coordinators**  
Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

**SEA**  
Susan P. Frierson  
Eisenhower Mathematics and Science Program  
Virginia Department of Education  
P.O. Box 2120  
Richmond, VA 23216-2120  
(804) 225-2672/Fax: (804) 371-8978

## SAHE

Dr. Perry Massey  
Eisenhower Mathematics and Science Program  
Virginia Council of Higher Education  
101 North 14th Street, James Monroe Building  
Richmond, VA 23219  
(804) 225-3189/Fax: (804) 225-2604

**National Diffusion Network (NDN) Facilitator**  
The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Judy McKnight  
The Education Network of Virginia  
3421 Surrey Lane  
Falls Church, VA 22042  
(703) 698-0487/Fax: (703) 698-5106

## DEPARTMENT OF ENERGY (DOE)

**Continuous Electron Beam Accelerator Facility**  
In addition to summer institutes for both teachers and students that specialize in computers, the Continuous Electron Beam Accelerator Facility also offers outreach programs.

Kathryn Strozak, Educational Programs  
Coordinator  
Continuous Electron Beam Accelerator Facility  
12000 Jefferson Avenue  
Newport News, VA 23606  
(804) 249-7028/Fax: (804) 249-7028

## DEPARTMENT OF THE INTERIOR (DOI)

**Bureau of Land Management Eastern States Office**  
The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

**Chincoteague National Wildlife Refuge**

Programs at the Chincoteague National Wildlife Refuge include guided walks, environmental education activities, and teacher workshops. Teachers participating in the workshops receive teacher guides.

Outdoor Recreation Planner  
Chincoteague National Wildlife Refuge  
Box 62, Maddox Boulevard  
Chincoteague, VA 23336  
(804) 336-6122

**Mason Neck National Wildlife Refuge**

Mason Neck National Wildlife Refuge offers environmental education workshops for teachers on- and offsite.

Outdoor Recreation Planner  
Mason Neck National Wildlife Refuge  
14416 Jefferson Davis Highway, Suite 20A  
Woodbridge, VA 22191  
(703) 690-1297

**Prince William Forest Park**

Prince William Forest Park offers a variety of environmental education programs, nature walks, and curriculum materials. Teacher workshops and guidebooks are also available.

Division of Interpretation  
Prince William Forest Park  
P.O. Box 209  
Triangle, VA 22172  
(703) 221-4706

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Suzie Gilley, Project WILD Coordinator  
Virginia Department of Game, Inland Fisheries  
4010 West Broad, P.O. Box 11104  
Richmond, VA 23230  
(804) 367-1000

**Reston Earth Science Information Center**

The Reston Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Reston Earth Science Information Center  
507 National Center  
Reston, VA 22092  
(703) 648-6045

**Shenandoah National Park**

Spring and fall workshops offered by the Shenandoah National Park educate teachers about the park. Environmental education programs for students are primarily for 3rd and 5th graders. Guided walks are available upon request.

Division of Interpretation  
Shenandoah National Park  
Route 4, Box 348  
Luray, VA 22835  
(703) 999-2243

**DEPARTMENT OF LABOR (DOL)**

**Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Dr. James E. Price, Executive Director  
Governor's Employment and Training  
Department  
The Commonwealth Building  
4615 West Broad Street, Third Floor  
Richmond, VA 23230  
(804) 367-9803/Fax: (804) 367-6172

**DEPARTMENT OF TRANSPORTATION (DOT)**

**Federal Aviation Administration (FAA)**

**Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Jim Szakary, AEA-17  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-1056/Fax: (718) 553-0058

### **Federal Aviation Administration (FAA) Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Virginia Aviation Museum  
Attention: Betty P. Wilson  
5701 Huntsman Road  
Sandston, VA 23150-1946  
(804) 786-1364

### **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

#### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

#### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Roger Hathaway  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3312

Keith Koehler, Public Affairs Specialist  
Public Affairs Office  
Wallops Flight Facility  
Wallops Island, VA 23337  
(804) 824-1579

### **NASA Teacher Resource Centers**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Teacher Resource Center  
Virginia Air and Space Center  
600 Settler's Landing Road  
Hampton, VA 23669  
(804) 727-0800

Wallops Flight Facility  
Education Complex-Visitor Center  
Building J-17  
Wallops Island, VA 23337  
(804) 824-2297/2298

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

Radford University  
NASA Regional Teacher Resource Center  
P.O. Box 6999 Walker Hall  
Radford, VA 24142  
(703) 831-6284

### **Virginia Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Virginia Space Grant Consortium  
2713-D Magruder Boulevard  
Hampton, VA 23666  
(804) 865-0726

### **NATIONAL SCIENCE FOUNDATION (NSF)**

#### **Statewide Systemic Initiatives Program**

The focus for Virginia's Statewide Systemic Initiatives Program is K-8 education. The project includes a lead-teacher initiative, new preservice and inservice models, instructional materials and assessment reform, a leadership component for

administrators, a community action campaign, and mathematics and science education supported through the State's telecommunications system.

Joseph Exline  
Virginia Department of Education  
101 North 14th Street, James Monroe Building  
Richmond, VA 23219  
(804) 225-2876/Fax: (804) 371-0249

## **WASHINGTON**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Jill Faunce  
Washington Ag in the Classroom  
P.O. Box 3924  
Lacey, WA 98503  
(509) 284-4019

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Dr. Joseph R. Kurth  
Assistant Director, 4-H  
Washington State University-Puyallup Center  
7612 Pioneer Way East  
Puyallup, WA 98371-4998

### **DEPARTMENT OF COMMERCE (DOC)**

#### **National Oceanic and Atmospheric Administration (NOAA)**

The National Oceanic and Atmospheric Administration coordinates efforts to educate the public about Earth systems science and to increase awareness of the Agency's mission.

Judy Sohl, Educational Affairs Division  
National Oceanic and Atmospheric  
Administration  
7600 Sand Point Way NE.  
Seattle, WA 98115-0070  
(206) 526-6725

#### **Padilla Bay National Estuarine Research Reserve**

The Padilla Bay National Estuarine Research Reserve offers both onsite and in-school education programs.

Education Coordinator  
Padilla Bay National Estuarine Research  
Reserve  
1043 Bayview-Edison Road  
Mount Vernon, WA 98273  
(206) 428-1558/Fax: (206) 428-1491

### **DEPARTMENT OF DEFENSE (DOD)**

#### **Naval Undersea Museum**

The Naval Undersea Museum is concerned with exhibits that explain the sciences and technologies employed under the sea. Tours are available upon request.

Naval Undersea Museum  
Department of the Navy  
Keyport, WA 98435-0580  
(206) 396-4148

#### **Naval Base, Seattle**

The Seattle Naval Base is involved with the Personal Excellence Partnership Program and operates various co-op apprenticeship and volunteer-assistance programs for high school students in the Seattle area.

COMNAVBASE, Seattle  
Personal Excellence Program Coordinator  
Seattle Naval Base  
Seattle, WA 98115-5012  
(206) 526-3225

### **DEPARTMENT OF EDUCATION (ED)**

#### **Northwest Regional Educational Laboratory (NWREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.



Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

### **Northwest Consortium for Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rob Larson, Director  
Northwest Consortium for Mathematics and Science Teaching  
101 SW. Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9594/Fax: (503) 275-9489

### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Peggy Vatter  
Eisenhower Mathematics and Science Program  
Office of the Superintendent of Public Instruction  
P.O. Box 47200, Old Capitol Building  
Olympia, WA 98504-7200  
(206) 753-6757/Fax: (206) 753-6754

#### **SAHE**

David Kennedy  
Eisenhower Mathematics and Science Program  
Office of the Superintendent of Public Instruction  
P.O. Box 47200, Old Capitol Building  
Olympia, WA 98504-7200  
(206) 753-6727/Fax: (206) 753-6754

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Nancy McKay, Project Manager  
Washington State Facilitator  
Educational Service District 101  
1025 West Indiana Avenue  
Spokane, WA 99205  
(509) 456-7086/Fax: (509) 456-2999

### **DEPARTMENT OF ENERGY (DOE)**

#### **Northwest College and University Association for Science**

The Northwest College and University Association for Science offers programs in various scientific fields for both teachers and students.

John Yegge  
Northwest College and University  
Association for Science  
100 Sprout Road  
Richland, WA 99352-1643  
(509) 375-3090/Fax: (509) 375-5567

#### **Pacific Northwest Laboratory, Battelle**

Pacific Northwest Laboratory, Battelle offers teacher workshops, student apprenticeship programs, and research experiences.

Irene Hays, Education Center  
Pacific Northwest Laboratory  
P.O. Box 999, MS K1-66  
Battelle Boulevard  
Richland, WA 99352  
(509) 375-2584/Fax: (509) 375-2576

#### **Westinghouse Hanford Company**

Westinghouse Hanford Company provides programs and information on environmental and science technologies and sponsors student summer camps, partnership programs, and academic contests.

Gwen Leth  
Westinghouse Hanford Company  
P.O. Box 1970  
Richland, WA 99352  
(509) 376-5252/Fax: (509) 376-1404

### **DEPARTMENT OF THE INTERIOR (DOI)**

#### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
1300 NE. 44th Avenue  
P.O. Box 2965  
Portland, OR 97208-2965  
(503) 280-7287

**Olympic National Park**

Olympic National Park offers teacher workshops, guided nature walks, and curriculum materials that can be used as guides to the Park. Olympic also allows educators to borrow Discovery Trunks that contain educational materials and activities.

Division of Interpretation  
Olympic National Park  
600 East Park Avenue  
Port Angeles, WA 98362-6798  
(206) 452-4501

**Mount Rainier National Park**

Mount Rainier National Park offers regularly scheduled guided nature walks and lectures about the Park's ecology, environment, and geology. Contact the Park for a schedule.

Division of Interpretation  
Mount Rainier National Park  
Takoma Woods, Star Route  
Ashford, WA 98304  
(206) 569-2211

**Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Margaret Tudor, Project WILD Coordinator  
Washington Department of Wildlife  
600 Capitol Way North  
Olympia, WA 98501-1091  
(206) 753-1702

**Spokane Earth Science Information Center**

The Spokane Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Spokane Earth Science Information Center  
West 904 Riverside Avenue  
U.S. Post Office Building, Room 135  
Spokane, WA 99201-1088  
(509) 353-2524

**U.S. Bureau of Mines Spokane Research Center**

The U.S. Bureau of Mines Spokane Research Center participates in the Spokane Community Partners Program, an effort by businesses and government to support local school districts. The Center also loans Earth science materials to educators.

Elaine Cullen  
U.S. Bureau of Mines  
Spokane Research Center  
East 315 Montgomery Avenue  
Spokane, WA 99207-2291  
(509) 484-1610

**DEPARTMENT OF LABOR (DOL)****Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Larry A. Malo, Assistant Commissioner  
Training and Employment Analysis Division  
Washington Department of Employment  
Security  
605 Woodview Drive SE., MS KG11  
Olympia, WA 98504-5311  
(206) 438-4611/Fax: (206) 438-3174

**DEPARTMENT OF TRANSPORTATION (DOT)****Federal Aviation Administration (FAA)****Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelly Larson, ANM-5E  
1601 Lind Avenue SW.  
Renton, WA 98055  
(206) 227-2804/Fax: (206) 227-1005

**Federal Aviation Administration (FAA)****Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Museum of Flight  
Gregory Moyce, Education Program Manager  
9404 East Marginal Way South  
Seattle, WA 98108  
(206) 764-5700

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1200 Sixth Avenue, Mail Stop SO-141  
Seattle, WA 98101  
(206) 553-1207/Fax: (206) 553-1809

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Washington  
NASA Regional Teacher Resource Center  
AK-50, c/o Geophysics Department  
Seattle, WA 98195  
(206) 543-1943

### **Washington Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Washington Space Grant Consortium  
University of Washington  
Mail Stop AK-50  
Seattle, WA 98195  
(206) 543-1943

# **WEST VIRGINIA**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

William Aiken  
West Virginia Farm Bureau  
1 Red Rock Road  
Buckhannon, WV 26201  
(304) 472-2080/Fax: (304) 472-6554

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services

and training to all county offices. Contact your State office for further information.

Dr. Mary McPhall Gray, Division Leader  
Family and Youth Program  
West Virginia University  
P.O. Box 6031, 619 Knapp Hall  
Morgantown, WV 26506-6031

## **DEPARTMENT OF EDUCATION (ED)**

### **Appalachia Educational Laboratory, Inc. (AEL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director  
Appalachia Educational Laboratory, Inc.  
P.O. Box 1348, 1031 Quarrier Street  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0487  
(800) 624-9120 (outside West Virginia)  
(800) 344-6646 (inside West Virginia)

### **Eisenhower Math/Science Consortium at AEL**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director  
Eisenhower Math/Science Consortium at AEL  
P.O. Box 1348, 1031 Quarrier Street  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0487

### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

### **SEA**

David M. Porterfield  
Eisenhower Mathematics and Science Program  
West Virginia Department of Education  
1900 Kanawha Boulevard East, Room B-252  
Charleston, WV 25305  
(304) 558-2700/Fax: (304) 558-0048

### **SAHE**

Dr. Donald C. Darnton  
Eisenhower Mathematics and Science Program  
West Virginia State College  
Department of Business  
Institute, WV 25112  
(304) 766-3094/3129/Fax: (304) 768-9842

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Cornelia Toon, West Virginia State Facilitator  
State Department of Education  
Building 6, Room B-252  
Charleston, WV 25305  
(304) 558-2193/Fax: (304) 558-0048

## **DEPARTMENT OF ENERGY (DOE)**

### **Morgantown Energy Technology Center**

In addition to guided tours and field trips, the Morgantown Energy Technology Center manages teacher workshops and a speakers bureau and loans instructional materials.

Larry Headley  
Applied Science Division  
Morgantown Energy Technology Center  
P.O. Box 880  
Morgantown, WV 26507-0880  
(304) 291-4314/Fax: (304) 291-4292

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **New River Gorge National River**

Programs include guided walks and lectures on the history, geology, and ecology of the New River Gorge National River. A teacher's guide is available.

Division of Interpretation  
New River Gorge National River  
P.O. Box 246  
Glen Jean, WV 25846  
(304) 465-0508

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Art Shomo, Project WILD Coordinator  
Department of Natural Resources  
1800 Washington Street East  
Charleston, WV 25305  
(304) 558-2771

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Andrew N. Richardson, Commissioner  
West Virginia Bureau of Employment Programs  
Job Training Programs Division  
112 California Avenue, Room 610  
Charleston, WV 25305-0112  
(304) 558-2630/Fax: (304) 558-2992

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Jim Szakary, AEA-17  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-1056/Fax: (718) 553-0058

### **Federal Aviation Administration (FAA) Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local

source for aviation education materials and programs.

Aviation Education Resource Center  
Salem-Teikyo University  
Dr. Ronald Ohl, President  
223 West Main Street  
Salem, WV 26426  
(304) 782-5234

## **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Roger Hathaway  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3312

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.



NASA Teacher Resource Center  
Virginia Air and Space Center  
600 Settler's Landing Road  
Hampton, VA 23669  
(804) 727-0800

### **NASA Regional Teacher Resource Centers**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

West Virginia Institute of Technology  
NASA Regional Teacher Resource Center  
Vining Library  
Montgomery, WV 25136  
(304) 442-3230/3020

Wheeling Jesuit College  
NASA Regional Teacher Resource Center  
220 Washington Avenue  
Wheeling, WV 26003  
(304) 243-2388

### **West Virginia Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

West Virginia Space Grant Consortium  
West Virginia University, Evansdale Campus  
Engineering Research Building, Room 108A  
Morgantown, WV 26506-6101  
(304) 293-4099

## WISCONSIN

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Bob Leege  
Wisconsin Farm Bureau  
7010 Mineral Point Road  
Madison, WI 53705  
(608) 833-8070

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Dr. David Running, State 4-H Program Leader  
University of Wisconsin  
610 Langdon Street, 328 Lowell Hall  
Madison, WI 53703

### **DEPARTMENT OF EDUCATION (ED)**

#### **North Central Regional Educational Laboratory (NCREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

#### **Midwest Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(708) 571-4700/Fax: (708) 571-4716

#### **Eisenhower State Education Coordinators**

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses

on teacher enhancement through both inservice and preservice programs.

#### **SEA**

Robert Gomoll  
Mary Kay York

Eisenhower Mathematics and Science Program  
Department of Public Instruction  
P.O. Box 7841, 125 South Webster Street  
Madison, WI 53707-7841  
(608) 267-9270/Fax: (608) 267-1052

#### **SAHE**

Dr. Gary Britton  
Eisenhower Mathematics and Science Program  
University of Wisconsin Center  
400 University Drive  
West Bend, WI 53095  
(414) 335-5200/Fax: (414) 335-5220

#### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

William Ashmore, State Facilitator  
Department of Public Instruction  
P.O. Box 7841, 125 South Webster Street  
Madison, WI 53703  
(608) 267-9179/Fax: (608) 267-1052

#### **National Center for Research in Mathematical Sciences Education**

The Center is examining the learning and teaching of whole numbers, quantities, algebra, geometry, and statistics. The Center also is examining models of authentic assessment and implementation of reform.

National Center for Research in  
Mathematical Sciences Education  
University of Wisconsin at Madison  
Wisconsin Center for Education Research  
1025 West Johnson Street  
Madison, WI 53706  
(608) 263-4285

#### **DEPARTMENT OF THE INTERIOR (DOI)**

##### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

#### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Valeri Humphrey, Project WILD Coordinator  
Wisconsin Department of Natural Resources  
Box 7921  
Madison, WI 53707  
(608) 266-0870

#### **St. Croix National Scenic Riverway**

In addition to in-school and onsite talks, St. Croix National Scenic Riverway offers a "Rivers are Alive" program to educate students about river ecosystems.

Division of Interpretation  
St. Croix National Scenic Riverway  
P.O. Box 708  
St. Croix Falls, WI 54024  
(715) 483-3284

#### **DEPARTMENT OF LABOR (DOL)**

##### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Jane Suhling, Administrator  
Division of Employment and Training  
Policy (DETP)  
Wisconsin Department of Industry, Labor,  
and Human Relations  
201 East Washington Avenue  
Madison, WI 53707  
(608) 266-2439/Fax: (608) 267-2392

#### **DEPARTMENT OF TRANSPORTATION (DOT)**

##### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and

programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Lee Carlson, AGL-5A  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7184

**Federal Aviation Administration (FAA)  
Aviation Education Resource Centers**

As a partner with the Federal Aviation Administration, the Aviation Resource Centers provide a local source for aviation education materials and programs.

Aviation Education Resource Center  
Experimental Aircraft Association  
Attention: Chuck Larsen, EAA Aviation Center  
3000 Poberezny Road  
Oshkosh, WI 54903-3065  
(414) 426-4800

Aviation Education Resource Center  
DOT Bureau of Aeronautics  
Attention: Duane Esse  
P.O. Box 7914, 4802 Sheboygan Avenue  
Madison, WI 53707-7914  
(608) 266-3351

Aviation Education Resource Center  
University of Wisconsin at Superior  
Michael J. Wallschlaeger, Chairman  
Division of Education  
1800 Grand Avenue  
Superior, WI 54880-2898  
(715) 394-8309

**ENVIRONMENTAL PROTECTION AGENCY  
(EPA)**

**EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

**NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION (NASA)**

**NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Lynn Bondurant  
Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135  
(216) 433-5583

**NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135  
(216) 433-2017

**NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Wisconsin at LaCrosse  
NASA Regional Teacher Resource Center  
Morris Hall, Room 200  
LaCrosse, WI 54601  
(608) 785-8148/8650

**Wisconsin Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Wisconsin Space Grant Consortium  
University of Wisconsin at Milwaukee  
2033 East Hartford Avenue  
Milwaukee, WI 53201-0413  
(414) 229-3878

C.L. Hutchins, Executive Director  
Mid-continent Regional Educational  
Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

## WYOMING

### DEPARTMENT OF AGRICULTURE (USDA)

#### Ag In the Classroom State Leaders

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Sue Sherman, Executive Director  
Wyoming Ag in the Classroom  
Wyoming Department of Agriculture  
2219 Carey Avenue  
Cheyenne, WY 82002  
(307) 777-5478

Elaine Moore, President  
Wyoming Ag in the Classroom  
2407 Highland Court  
Douglas, WY 82633  
(307) 358-6232

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Betty Holmes, Interim 4-H Program Leader  
College of Agriculture  
University of Wyoming  
P.O. Box 3354  
Laramie, WY 82071

### DEPARTMENT OF EDUCATION (ED)

#### Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

#### Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium  
for Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005

#### Eisenhower State Education Coordinators

Eisenhower State Education Coordinators oversee the Eisenhower Mathematics and Science Education Program State Formula Grants for the State Education Agency (SEA) and the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

#### SEA

Dr. William M. Futrell  
Eisenhower Mathematics and Science Program  
Wyoming Department of Education  
241 Hathaway Building  
Cheyenne, WY 82002-0050  
(307) 777-6247/Fax: (307) 777-6234

#### SAHE

Dr. William M. Futrell  
Eisenhower Mathematics and Science Program  
Wyoming Department of Education  
241 Hathaway Building  
Cheyenne, WY 82002-0050  
(307) 777-6247/Fax: (307) 777-6234

#### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Nancy Leinius, State Facilitator  
Wyoming Innovation Network System  
State Department of Education  
2300 Capitol Avenue  
Hathaway Building, Room 269  
Cheyenne, WY 82002-0050  
(307) 777-6226/Fax: (307) 777-6234

## **DEPARTMENT OF ENERGY (DOE)**

### **Western Area Power Administration**

Western Area Power Administration sponsors academic contests, stay-in-school programs, cooperative education, and fellowship programs.

Charles Marquez  
Western Area Power Administration  
P.O. Box 3402  
Golden, CO 80401-3402  
(303) 231-1652

## **DEPARTMENT OF THE INTERIOR (DOI)**

### **Bighorn Canyon National Recreation Area**

Programs offered by the Bighorn Canyon National Recreation Area include guided walks and teacher guides that focus primarily on environmental education within Bighorn Canyon.

Division of Interpretation  
Bighorn Canyon National Recreation Area  
P.O. Box 458  
Fort Smith, MT 59035  
(307) 548-2251

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office is involved with the Wyoming Conservation Connection Program, and provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
P.O. Box 1828, 2515 Warren Avenue  
Cheyenne, WY 82003  
(307) 775-6001

### **Devils Tower National Monument**

The Devils Tower National Monument offers guided walks and teacher guides that focus primarily on environmental education and the geology of Devils Tower.

Division of Interpretation  
Devils Tower National Monument  
Devils Tower, WY 82714  
(307) 467-5283

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Joe Vogier, Project WILD Coordinator  
Wyoming Game and Fish Department  
5400 Bishop Boulevard  
Cheyenne, WY 82002  
(307) 777-4538

### **Yellowstone National Park**

Yellowstone National Park's program, "Expedition Yellowstone," offers teachers of grades 4-6 free use of Park facilities, free accommodations, and services of a Park ranger during the spring and fall for environmental education field trips. Teachers are required to register for the program and purchase curriculum materials. Due to the high number of requests, a lottery process determines which teachers can participate.

Interpretation Division  
Yellowstone National Park, WY 82190  
(307) 344-2253

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Matthew K. Johnson, Deputy Job Training  
Administrator  
Division of Employment Services  
Job Training Programs  
P.O. Box 2760  
Casper, WY 82602  
(307) 235-3611/Fax: (307) 235-3293

## **DEPARTMENT OF TRANSPORTATION (DOT)**

### **Federal Aviation Administration (FAA)**

#### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation



education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Shelly Larson, ANM-5E  
1601 Lind Avenue SW.  
Renton, WA 98055  
(206) 227-2804/Fax: (206) 227-1005

### **Federal Aviation Administration (FAA) Aviation Education Resource Center**

As a partner with the Federal Aviation Administration, the Aviation Resource Center provides a local source for aviation education materials and programs.

Aviation Education Resource Center  
Campbell County School District Media  
Services  
Attention: Jan Burke  
1000 West Eighth Street  
Gillette, WY 82716  
(307) 682-2225

### **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

#### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop 80EA  
Denver, CO 80202-2405  
(303) 293-1113/Fax: (303) 294-7665

### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

#### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-5543

#### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Center  
Mail Stop TO-25  
Moffett Field, CA 94035  
(415) 604-3574

#### **NASA Regional Teacher Resource Center**

To provide more opportunities for educators to visit Teacher Resource Centers, NASA forms partnerships with various institutions that serve as Regional Teacher Resource Centers. Teachers may preview or copy NASA materials at these Regional Teacher Resource Centers.

University of Wyoming  
NASA Regional Teacher Resource Center  
Learning Resource Center  
P.O. Box 3374 University Station  
Laramie, WY 82071-3374  
(307) 766-2527

#### **Wyoming Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Wyoming Space Grant Consortium  
University of Wyoming  
Department of Physics and Astronomy  
Laramie, WY 82071  
(307) 766-6267



# TERRITORIES

## AMERICAN SAMOA

### DEPARTMENT OF AGRICULTURE (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Ropeti Areta, Acting State 4-H Leader  
American Samoa Land Grant  
P.O. Box 2609  
Mapusaga, AS 96799

### DEPARTMENT OF COMMERCE (DOC)

#### Fagatele Bay National Marine Sanctuary

The Fagatele Bay National Marine Sanctuary offers in-school presentations and sponsors the Marine Science Summer Camp, a research-oriented 2-week classroom, laboratory, and field-experience program.

Education Coordinator  
Fagatele Bay National Marine Sanctuary  
P.O. Box 4318  
Pago Pago, AS 96799  
(684) 633-7354/Fax: (684) 633-7355

### DEPARTMENT OF EDUCATION (ED)

#### Pacific Region Educational Laboratory (PREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director  
Pacific Region Educational Laboratory  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

### Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rick Davis, Director  
Pacific Mathematics and Science  
Regional Consortium  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Sharon Stevenson, NDN Facilitator  
Department of Education  
Pago Pago, AS 96799  
(684) 633-5654/Fax: (684) 633-5184  
(202) 225-8577 (Washington, D.C., office)

### DEPARTMENT OF LABOR (DOL)

#### Job Training Partnership Act Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Unifareti Mamea, Director  
Department of Human Resources  
American Samoa Government  
Pago Pago, AS 96799  
(684) 633-5172/Fax: (684) 633-1139

### ENVIRONMENTAL PROTECTION AGENCY (EPA)

#### EPA Regional Office

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental

issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street, Mail Stop E2  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

#### **NASA CORE**

NASA's Central Operation of Resources for Educators (CORE) was established for the national and international distribution of NASA-produced educational materials in audiovisual format. Submit a written request on your school letterhead for a catalog and order forms. Orders are processed for a small fee that includes the cost of the media.

Lorain County Joint Vocational School  
15181 Route 58 South  
Oberlin, OH 44074  
(216) 744-1051, Ext. 293 or 294

## **COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS**

### **DEPARTMENT OF AGRICULTURE (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Antonio Santos  
Acting Director, 4-H  
Northern Marianas College  
P.O. Box 1250  
Saipan, MP 96950

### **DEPARTMENT OF EDUCATION (ED)**

#### **Pacific Region Educational Laboratory (PREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director  
Pacific Region Educational Laboratory  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

#### **Pacific Mathematics and Science Regional Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rick Davis, Director  
Pacific Mathematics and Science  
Regional Consortium  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

#### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable National Diffusion Network programs and assists with training and installation.

Paz Younis, NDN Facilitator  
CNMI Public School System  
P.O. Box 1370  
Saipan, MP 96950  
(670) 322-3194/Fax: (670) 322-4056  
(202) 673-5869 (Washington, D.C., office)

### **DEPARTMENT OF LABOR (DOL)**

#### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Flory De La Cruz, Executive Director  
Marianas JTPA Program  
Office of the Governor  
Commonwealth of the Northern Mariana Islands  
Saipan, MP 96950  
(670) 664-7000/7001/Fax: (670) 322-5096

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA CORE**

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Lorain County Joint Vocational School  
15181 Route 58 South  
Oberlin, OH 44074  
(216) 744-1051, Ext. 293 or 294

# **FEDERATED STATES OF MICRONESIA**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag In the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Ruben Dayrit  
CTAS/College of Micronesia  
Kolonias, Pohnpei, FM 96941  
(691) 320-2738

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Anita R. Sula, Director, CES  
College of Micronesia  
P.O. Box 1179  
Kolonias, Pohnpei, FM 96941

## **DEPARTMENT OF EDUCATION (ED)**

### **Pacific Region Educational Laboratory (PREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director  
Pacific Region Educational Laboratory  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

### **Pacific Mathematics and Science Regional Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rick Davis, Director  
Pacific Mathematics and Science  
Regional Consortium  
828 Fort Street Mall  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Justy Hainric, Acting Director  
Office of Administrative Service  
Government of the Federated States  
of Micronesia  
P.O. Box 490  
Kolonias, Pohnpei, FM 96941  
(691) 320-2618/Fax: (691) 320-5854

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA CORE**

NASA's Central Operation of Resources for Educators (CORE) was established for the national and international distribution of NASA-produced educational materials in audiovisual format. Submit a written request on your school letterhead for a catalog and order forms. Orders

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are processed for a small fee that includes the cost of the media.

Lorain County Joint Vocational School  
15181 Route 58 South  
Oberlin, OH 44074  
(216) 744-1051, Ext. 293 or 294

## GUAM

### DEPARTMENT OF AGRICULTURE (USDA)

#### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Victor Artero  
College of Agriculture and Life Sciences  
University of Guam  
Mangilao, GU 96923  
(671) 734-2575/Fax: (671) 734-6842

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices.

Peter R. Melyan, 4-H Program Leader  
College of Agriculture and Life Sciences  
CES, 4-H, and Youth  
University of Guam  
Mangilao, GU 96923

### DEPARTMENT OF EDUCATION (ED)

#### Pacific Region Educational Laboratory (PREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director  
Pacific Region Educational Laboratory  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

#### Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rick Davis, Director  
Pacific Mathematics and Science  
Regional Consortium  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

#### National Diffusion Network (NDN) Facilitator

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Margaret Camacho, NDN Facilitator  
Federal Program Office  
Guam Department of Education  
P.O. Box DE  
Agana, GU 96910  
(671) 472-8524/5004/Fax: (671) 477-4587  
(202) 225-1188 (Washington, D.C., office)

### DEPARTMENT OF LABOR (DOL)

#### Job Training Partnership Act Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Peter S. Calvo, Director  
Agency for Human Resources Development  
P.O. Box CP  
Agana, GU 96910  
(671) 646-9336/Fax: (671) 646-9339

### ENVIRONMENTAL PROTECTION AGENCY (EPA)

#### EPA Regional Office

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.



Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street, Mail Stop E2  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA CORE**

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Lorain County Joint Vocational School  
15181 Route 58 South  
Oberlin, OH 44074  
(216) 744-1051, Ext. 293 or 294

# **REPUBLIC OF THE MARSHALL ISLANDS**

## **DEPARTMENT OF EDUCATION (ED)**

### **Pacific Region Educational Laboratory (PREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director  
Pacific Region Educational Laboratory  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

### **Pacific Mathematics and Science Regional Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rick Davis, Director  
Pacific Mathematics and Science  
Regional Consortium  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Phillip Muller  
Minister of Education  
P.O. Box 2  
Majuro, Republic of the Marshall Islands 96960  
(692) 625-3345

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA CORE**

NASA's Central Operation of Resources for Educators (CORE) was established for the national and international distribution of NASA-produced educational materials in audiovisual format. Submit a written request on your school letterhead for a catalog and order forms. Orders are processed for a small fee that includes the cost of the media.

Lorain County Joint Vocational School  
15181 Route 58 South  
Oberlin, OH 44074  
(216) 744-1051, Ext. 293 or 294

# **REPUBLIC OF PALAU**

## **DEPARTMENT OF EDUCATION (ED)**

### **Pacific Region Educational Laboratory (PREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

## TERRITORIES

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John W. Kofel, Executive Director  
Pacific Region Educational Laboratory  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

### **Pacific Mathematics and Science Regional Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Rick Davis, Director  
Pacific Mathematics and Science  
Regional Consortium  
828 Fort Street Mall, #500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Masa-aki Emesiochi, State Facilitator  
Department of Education  
P.O. Box 189  
Koror, Republic of Palau 96940  
(680) 488-2570/1003/Fax: (680) 488-2830

## **DEPARTMENT OF LABOR (DOL)**

### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Josephine Ulengehong, Acting Director  
JTPA Program  
P.O. Box 100  
Koror, Republic of Palau 96940  
(680) 488-2513/Fax: (680) 488-1725

## **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

### **NASA CORE**

NASA's Central Operation of Resources for Educators (CORE) was established for the national and international distribution of NASA-produced educational materials in audiovisual

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15181 Route 58 South  
Oberlin, OH 44074  
(216) 744-1051, Ext. 293 or 294

# **VIRGIN ISLANDS**

## **DEPARTMENT OF AGRICULTURE (USDA)**

### **Ag in the Classroom State Leaders**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs, in conjunction with assistance from agribusiness, educational institutions, and government.

Otis Hicks  
P.O. Box 804  
Christianstad, St. Croix, VI 00821-0804  
(809) 773-0758

Eric Bough  
Department of Economic Development  
and Agriculture  
St. Croix, VI 00850  
(809) 778-0991

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service of land-grant universities and colleges. The State 4-H leaders coordinate outreach services and training to all county offices. Contact your State office for further information.

Zoraida Jacobs  
Program Leader, 4-H  
University of the Virgin Islands  
Rural Route 02, Box 10,000 Kingshill  
St. Croix, VI 00850

## **DEPARTMENT OF EDUCATION (ED)**

### **Regional Laboratory for Educational Improvement of the Northeast and Islands**

The Regional Educational Laboratory identifies effective teaching techniques and school

improvement efforts within the region and shares this information with State and local educators.

David P. Crandall, Executive Director  
Regional Laboratory for Educational  
Improvement of the Northeast and Islands  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### **Regional Alliance for Systemic Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Bob McLaughlin, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
The College Board  
235 Main Street  
Montpelier, VT 05602  
(802) 223-0463/Fax: (802) 229-2013

Eileen Ferrance, Co-Director  
Regional Alliance for Systemic Mathematics  
and Science Education Reform  
300 Brickstone Square, Suite 900  
Andover, MA 01810  
(508) 470-0098/Fax: (508) 475-9220

### **National Diffusion Network (NDN) Facilitator**

The National Diffusion Network Facilitator promotes the transfer of successful programs by identifying suitable NDN programs and assists with training and installation.

Dr. Fiolina B. Mills, State Facilitator  
Department of Education  
Office of the Commissioner  
44-46 Kongens Gade  
Charlotte Amalie  
St. Thomas, VI 00802  
(809) 774-0100, ext. 225/Fax: (809) 776-5687

### **DEPARTMENT OF LABOR (DOL)**

#### **Job Training Partnership Act Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act (JTPA) State and local programs for economically disadvantaged adults and youth.

Carol M. Burke, Assistant Commissioner  
Employment and Training  
Virgin Islands Department of Labor  
7 and 8 Queen Streets, C'sted  
St. Croix, VI 00820  
(809) 773-1994/Fax: (809) 773-1515

### **DEPARTMENT OF TRANSPORTATION (DOT)**

#### **Federal Aviation Administration (FAA)**

##### **Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

FAA Aviation Education Representative  
Joe Sidney, ASO-17.4  
3400 Norman Berry Drive  
East Point, GA 30344  
(404) 763-7500/Fax: (404) 763-7178

### **ENVIRONMENTAL PROTECTION AGENCY (EPA)**

#### **EPA Regional Office**

The regional office takes part in a variety of environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues are also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
26 Federal Plaza, Mail Stop Room 905  
New York, NY 10278  
(212) 264-2980/Fax: (212) 264-8109

### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

#### **NASA Field Center**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

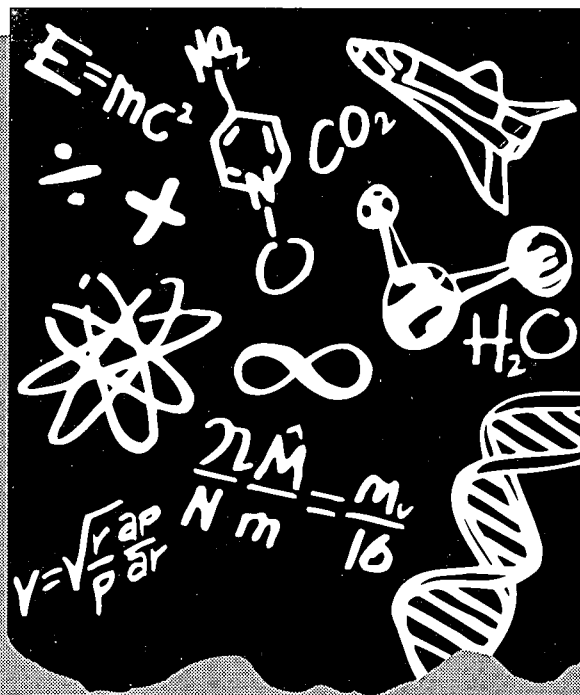
Steve Dutczak  
Chief, Education Services Branch  
NASA John F. Kennedy Space Center  
Mail Code PA-ESB  
Kennedy Space Center, FL 32899  
(407) 867-4444

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center  
Educators Resources Laboratory  
Mail Code ERL  
Kennedy Space Center, FL 32899  
(407) 867-4090





## INDEX

# NATIONAL PROGRAMS FOR ELEMENTARY AND SECONDARY EDUCATION

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